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AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 8-18, 1887.

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## STATISTICAL REPORT

— OF THE —

# Illinois State Board of Agriculture.

— FOR —

APRIL, 1887.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE  
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE.

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CHARLES F. MILLS, SECRETARY  
SPRINGFIELD.

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CIRCULAR 133.

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SPRINGFIELD, ILL.:  
ILLINOIS STATE JOURNAL COMPANY.  
1887.

# Illinois State Board of Agriculture.

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# ILLINOIS CROP REPORT,

—FOR—

APRIL, 1887.

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Synopsis of the Reports of Correspondents upon the Condition of the Growing  
Crops, Etc.

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ILLINOIS DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, April 1, 1887. }

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of April.

The correspondents of the Department, are, as a rule, farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past ten years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

## SEASON.

The Monthly Weather Review of the Department contains detailed information concerning the temperature, precipitation; etc., for the past month, and will be sent on application to all interested in the meteorological conditions that prevailed throughout the State during that period.

WINTER WHEAT.

The area of the late seeding of winter wheat is reported at 2,050,101 acres, about two and a half per cent. less than the area returned by assessors in May, 1886, when the acreage was reported at 2,099,427 acres.

The weather during the past winter has been very favorable for this crop, and but little damage is reported by winter-killing or floods. What little injury was done, was during March, when the ground was free from snow and very dry. Quite a heavy snow fell in the Southern portion of the State on the 30th of March, which materially improved the prospects of the crop.

The following table gives the area devoted to winter wheat in each of the three divisions of the State during the last six years:

YEAR SEEDED.	DIVISION.			
	Northern.	Central.	Southern.	Total.
1880 .....	36,264	1,036,801	1,975,566	3,049,631
1881 .....	64,916	1,086,244	1,525,212	2,676,372
1882 .....	61,362	1,260,934	1,582,737	2,905,085
1883 .....	55,152	1,235,893	1,461,605	2,752,750
1884 .....	51,088	1,092,652	1,179,551	2,317,291
1885 .....	36,505	568,115	839,895	1,444,515
1886 .....	44,241	930,032	1,075,828	2,050,101
Average. ....	49,932	1,030,096	1,377,199	2,456,535

It will be seen in the above table that but little attention is given to the culture of winter wheat in the Northern division of the State, and the damage usually sustained by the plant from exposure during the winter has demonstrated the uncertainty of growing the crop to profit in the Northern counties.

In a table published elsewhere in this report, the counties are grouped together to enable the reader to determine the wheat prospects in each of the three divisions of the State.

NORTHERN DIVISION.

The condition of winter wheat, while not as promising in the Northern counties as last season at corresponding date, is better than usual for April 1.

An average condition of wheat is reported in the counties of Grundy, Stephenson and Whiteside. The condition in the following counties is reported above the average: Iroquois, 107; Kane, 102; Lake, 110. The most discouraging reports concerning the condition of winter wheat in Northern Illinois come from the following counties, where the prospects are as noted: Henry, 60; Kendall, 75; Livingston, 71.

CENTRAL DIVISION.

The counties in the Central Division of the State, in which the prospects for wheat are not encouraging for an average yield per acre, are the exception. The crop is less promising in condition in the following counties than elsewhere in this portion of the State, viz: Clark, 72 and DeWitt, 60. The prospects for winter wheat have seldom been more encouraging on April 1 than in the following counties, where the condition is as noted: Champaign, 110; Cumberland, 104; Hancock, 101; Pike, 105; Sangamon, 104, and Scott, 110.

The April condition of wheat promises an average yield per acre in the following counties in the Central Division: Adams, Calhoun, Christian, Mason, Morgan, Piatt and Schuyler.

SOUTHERN DIVISION.

Over half the area seeded to wheat last fall was in the Southern Division of the State, in which is located the great "wheat belt." This section usually yields in proportion to its area, but the reports of its condition April 1 are so discouraging that but little over three-fourths of an average yield per acre is expected. The following are the only counties in this

section in which an average or better yield per acre is promised: Alexander, 102; Bond, 102; Effingham, 106, and Pulaski, 100. There will be less than three-fourths of an average yield per acre of winter wheat in the following Southern counties, in which the condition is as noted: Clay, 65; Edwards, 71; Franklin, 66; Hamilton, 71; Jefferson, 65; Perry, 57; Wayne, 49 and White, 67.

## WINTER RYE.

This crop is grown to a very limited extent in Central and Southern Illinois, and comparatively little attention is paid to it in the Northern part of the State. It is grown principally for winter pasturage, and as a protection for timothy or other seed sown for meadow, and is not generally regarded as a crop.

The condition of rye April 1 was not quite so good as at corresponding date last season, but is above the average for a term of years.

The area of the growing crop is a little less than that seeded in the fall of 1885.

### NORTHERN DIVISION.

The condition of winter rye at this date promises an average or better yield per acre in the following counties, viz: DeKalb, 103; Grundy, 100; Lake, 110; Stephenson and Whiteside, 100. In the other counties in this division the condition is such that fully 80 per cent. of an average yield per acre may be expected.

### CENTRAL DIVISION.

The condition of this crop in Central Illinois indicates that nearly an average yield per acre may be expected.

In the following counties an average or better yield per acre is promised, the April condition being as noted: Adams, Cass, Champaign, Logan, Mason, McDonough, Menard, Piatt and Scott, 100; Christian and Greene, 102; Cumberland and Pike, 105; Hancock and Shelby, 103; Montgomery, 107. Over 90 per cent. of an average yield per acre may be expected in all of the other counties in this division, excepting Clark, 80, and DeWitt, 85.

### SOUTHERN DIVISION.

In the Southern Division the prospects are favorable for 88 per cent. of an average yield per acre.

In the following counties an average or better yield per acre may be expected: Alexander, Crawford, Effingham, Jackson, Johnson, Madison, Pulaski and St. Clair, 100; Bond, 105 and Fayette, 103.

A table published elsewhere gives the April condition of rye in each county in the State for a term of years, and the area seeded in 1886.



## FARM ANIMALS.

The remarks of correspondents published elsewhere in this report indicate that farm animals are in rather better than an average condition for this season of the year, and very little disease has existed among them during the past winter. The weather during the winter was unusually favorable for stock of all kinds, being cold and dry, and feed was plenty in most portions of the State.

More care is paid each succeeding year to the stock used for breeding purposes, especially in the Southern part of the State.

### HORSES.

There has been an usual demand for good horses for the Eastern markets during the past winter and the high prices paid have induced farmers to sell all their surplus stock. The demand has been largely for heavy horses for draft purposes in the cities, and the pre-eminence attained of late years by Illinois breeders in this line, has induced buyers to draw largely upon her for their supply. In a number of counties glanders made their appearance among horses, but the spread of the disease was checked by the prompt action of the Live Stock Commissioners, who ordered the diseased animals killed, and those exposed quarantined.

### CATTLE.

Cattle have come through the winter in fair condition and health. Very little disease has been reported among them and no losses from exposure.

The thin condition of cattle this spring is largely due to the drouth of last summer and fall. Pasturage was poor and cattle were not in an average condition when the winter set in.

The number of cattle in the State has been increasing of late years.

Dairy farming is engaging more of the attention of the farmers than heretofore especially in the Southern portion of the State, and the number of dairy cows is constantly increasing.

Since the discovery of the existence of pleuro-pneumonia among the cattle in the city of Chicago and immediate vicinity, last September, the cattle-growers of the State have been uneasy, and have promptly reported any case of sickness among their cattle to the State Board of Live Stock Commissioners. Every case so reported has been promptly investigated and not a single case of contagious pleuro-pneumonia has been discovered, or is now known or believed to exist, outside of that portion of the city of Chicago north of Twelfth street and a strip of contiguous territory on the west and north sides of the city.

The Board of Live Stock Commissioners have used the most vigorous measures in dealing with the outbreak in Chicago. They have slaughtered, or had slaughtered under the inspection of the State Veterinarian and his assistants, all the cattle found to be diseased and exposed in the four infected distillery stables—nearly three thousand head—and in addition have quarantined outside of the distilleries, as a measure of precaution, all the cattle that by any possibility may have been exposed, and will continue the work of slaughtering every animal that is diseased, or has been immediately or remotely exposed to the disease, and within a reasonably short time expect to say to the people of Illinois, as well as the authorities of other States, that all sources of danger from the spread of this dread disease have been effectively wiped out.

### SHEEP.

Very little interest is manifested in sheep raising in this State. Prices for both mutton and wool have ruled so low for some time past that farmers have sold their flocks to a large extent.

Sheep are in good seasonable condition and there are very few complaints of disease among them.

## HOGS.

The number of hogs on hand April 1, is much less than usual at that date. Cholera was very prevalent throughout the State in the fall and early winter, and many farmers lost their stock from this cause. Prices for fat hogs have been exceptionally high and they have been sold off very close.

Attention is invited to the remarks of correspondents, which give the condition and comparative number of hogs in each county in the State the first of the month.

## SEED DISTRIBUTION.

This department has requested members of Congress to send crop correspondents residing in their respective districts such seeds as the government may have for distribution, and any reporter who has failed to receive such recognition from his representative at Washington is requested to report the fact to the undersigned.

## AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

The observers of this Department are as a rule farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past ten years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

*Secretary.*



CONDITION OF WINTER WHEAT IN ILLINOIS, APRIL 1.

NORTHERN DIVISION.							CENTRAL DIVISION.							SOUTHERN DIVISION.												
COUNTIES.			Reported acreage 1887 crop.	Av. cond'n April 1, 1887.	Av. cond'n April 1, 1886.	Av. cond'n April 1, 1885.	Av. cond'n April 1, 1884.	Av. cond'n April 1, 1883.	COUNTIES.			Reported acreage 1887 crop.	Av. cond'n April 1, 1887.	Av. cond'n April 1, 1886.	Av. cond'n April 1, 1885.	Av. cond'n April 1, 1884.	Av. cond'n April 1, 1883.	COUNTIES.			Reported acreage, 1887 crop.	Av. cond'n April 1, 1887.	Av. cond'n April 1, 1886.	Av. cond'n April 1, 1885.	Av. cond'n April 1, 1884.	Av. cond'n April 1, 1883.
Boone.....			286	87	95	100	100	90	Adams.....			71,764	100	96	57	92	79	Alexander.....			8,278	102	106	60	96	62
Bureau.....			2,005	93	94	75	60	100	Brown.....			24,804	94	95	68	77	88	Bond.....			30,750	102	99	46	73	72
Carroll.....			659	90	100	25	95	*78	Calhoun.....			13,548	100	87	59	97	74	Clay.....			5,586	65	59	45	29	55
Cook.....			149	90	100	*73	80	90	Cass.....			20,107	99	103	44	102	77	Clinton.....			59,290	90	65	70	79	49
DeKalb.....			278	97	97	75	100	75	Champaign.....			18,727	110	91	35	82	55	Crawford.....			23,294	93	82	71	34	62
DuPage.....			141	95	98	*73	105	*78	Christian.....			41,882	100	103	37	95	77	Edwards.....			14,326	*71	78	72	75	56
Grundy.....			135	100	103	*73	*90	*78	Clark.....			18,211	72	74	36	53	64	Effingham.....			20,140	106	83	35	54	71
Henderson.....			3,997	91	97	75	90	75	Coles.....			13,157	98	93	34	74	70	Fayette.....			23,109	96	92	48	58	59
Henry.....			3,398	60	90	75	*90	*78	'umberland.....			11,496	104	90	26	82	68	Franklin.....			15,162	66	84	54	42	62
Iroquois.....			3,198	107	79	35	40	55	DeWitt.....			2,535	60	100	77	105	76	Gallatin.....			42,872	80	101	51	71	65
JoDavies.....			1,608	98	100	50	102	75	Douglas.....			6,737	82	75	30	79	60	Hamilton.....			7,828	71	100	47	47	56
Kane.....			143	102	100	75	100	90	Edgar.....			31,946	90	86	42	70	56	Hackin.....			6,948	*81	97	57	65	*61
Kankakee.....			1,053	92	92	82	77	66	Ford.....			187	80	89	50	75	25	Hudson.....			42,323	80	*81	62	95	75
Kendall.....			180	75	100	100	90	87	Fulton.....			37,674	90	101	51	95	80	Jasper.....			11,465	85	64	50	32	68
Knox.....			3,825	95	194	75	102	66	Greene.....			45,364	95	103	42	100	76	Jefferson.....			16,220	65	58	67	33	71
Lake.....			354	110	92	85	103	63	Hancock.....			29,805	101	106	82	104	95	Johnson.....			16,271	89	91	56	72	49
LaSalle.....			2,586	91	102	87	85	70	Jersey.....			38,664	97	95	30	92	70	Lawrence.....			29,651	79	83	50	50	76
Lee.....			74	95	*99	85	100	25	Logan.....			22,365	94	102	46	92	55	Madison.....			133,516	91	76	33	87	52
Livingston.....			1,439	71	92	80	92	47	Lyon.....			13,504	94	101	22	80	42	Marion.....			15,126	80	92	70	51	60
Marshall.....			891	90	90	75	*90	120	Macoupin.....			75,259	93	94	38	91	84	Massac.....			22,976	95	108	60	78	44
McHenry.....			309	95	100	82	100	85	Mason.....			26,735	100	100	49	102	86	Monroe.....			57,325	*84	72	35	100	75
Mercer.....			786	85	80	80	100	75	McDonough.....			4,125	95	100	68	97	75	Perry.....			23,045	57	57	59	70	58
Ogle.....			1,899	87	100	65	100	96	McLean.....			3,257	93	93	31	84	64	Pope.....			11,088	77	98	57	82	55
Peoria.....			7,924	95	100	57	98	80	Menard.....			25,375	98	107	51	105	72	Pulaski.....			11,309	100	105	70	97	75
Putnam.....			515	95	98	90	97	77	Montgomery.....			70,305	98	97	33	79	68	Randolph.....			80,384	78	71	74	95	76
Rock Island.....			298	90	110	*73	154	85	Morgan.....			30,272	100	102	39	107	79	Richland.....			13,316	73	83	78	43	58
Stark.....			172	91	95	87	100	95	Moultrie.....			7,170	88	96	51	75	75	Saline.....			12,611	87	95	63	70	40
Stephenson.....			1,902	100	89	63	95	88	Piatt.....			4,099	100	100	75	82	53	St. Clair.....			107,703	95	55	29	90	60
Warren.....			945	99	102	88	91	63	Pike.....			69,874	105	97	24	81	84	Union.....			31,794	90	100	77	87	78
Whiteside.....			369	100	100	80	50	*78	Sangamon.....			31,271	104	109	34	83	57	Wabash.....			21,643	85	79	85	77	72
Will.....			924	82	95	85	95	90	Schuyler.....			31,283	100	107	60	96	89	Washington.....			93,657	80	72	72	82	62
Winnebago.....			901	92	90	55	90	78	Scott.....			8,862	111	90	15	97	53	Wayne.....			15,079	49	68	61	42	70
Woodford.....			3,918	89	96	33	100	90	Shelby.....			33,376	98	108	39	73	74	White.....			33,869	67	89	63	78	44
Total or average			44,241	92	96	73	90	78	Tazewell.....			24,971	92	110	59	88	70	Williamson.....			17,874	75	92	47	60	32
									Vermilion.....			21,322	92	100	40	67	36	Total or average			1,075,828	83	83	58	68	61
									Total or average			930,032	95	97	46	87	69									

\*Estimated.



CONDITION WINTER RYE IN ILLINOIS APRIL 1.

CROP REPORT.

NORTHERN DIVISION.							CENTRAL DIVISION.							SOUTHERN DIVISION.						
COUNTIES	Reported acreage	Av. cond'n April 1, 1887	Av. cond'n April 1, 1886	Av. cond'n April 1, 1885	Av. cond'n April 1, 1884	Av. cond'n April 1, 1883	COUNTIES.	Reported acreage	Av. cond'n April 1, 1887	Av. cond'n April 1, 1886	Av. cond'n April 1, 1885	Av. cond'n April 1, 1884	Av. cond'n April 1, 1883	COUNTIES.	Reported acreage	Av. cond'n April 1, 1887	Av. cond'n April 1, 1886	Av. cond'n April 1, 1885	Av. cond'n April 1, 1884	Av. cond'n April 1, 1883
Boone .....	1,849	99	100	100	100	98	Adams .....	547	100	97	90	100	73	Alexander .....	61	100	105	90	80	88
Bureau .....	5,133	98	97	90	92	100	Brown .....	104	93	95	35	97	93	Bond .....	542	105	93	57	90	95
Carroll .....	5,421	97	100	77	102	85	Calhoun .....	.....	.....	100	75	100	80	Clay .....	383	68	75	45	.....	.....
Cook .....	848	97	100	90	93	98	Cass .....	615	100	100	64	105	100	Clinton .....	594	90	90	100	94	82
DeKalb .....	4,288	103	103	.....	82	80	Champaign .....	2,332	103	103	70	90	80	Crawford .....	373	100	92	70	85	83
DePue .....	3,521	82	95	90	102	80	Christian .....	4,473	102	102	70	96	92	Edwards .....	9	75	77	70	100	.....
Grundy .....	1,301	100	101	78	95	90	Clark .....	1,035	80	83	60	69	62	Effingham .....	755	100	91	51	71	75
Henderson .....	3,292	97	100	87	100	95	Coles .....	268	95	99	87	97	75	Fayette .....	553	103	95	63	57	.....
Henry .....	6,138	89	95	80	85	80	Cumberland .....	246	105	95	.....	100	70	Franklin .....	33	81	100	.....	75	75
Jacquois .....	4,241	96	89	60	70	81	DeWitt .....	1,093	85	97	67	108	92	Gallatin .....	502	87	.....	.....	.....	.....
Jo Daviess .....	1,072	97	97	80	102	95	Douglas .....	516	90	75	67	92	73	Hamilton .....	28	87	100	37	77	68
Kane .....	4,189	98	90	90	93	93	Edgar .....	1,669	98	95	57	100	.....	Hardin .....	26	87	.....	90	.....	.....
Kankakee .....	4,185	96	97	93	95	85	Ford .....	902	90	90	85	97	50	Jackson .....	16	100	88	70	95	90
Kendall .....	1,620	93	100	100	100	95	Fulton .....	3,259	95	97	76	96	90	Jasper .....	607	93	67	73	55	62
Knox .....	2,939	95	100	87	101	90	Greene .....	789	103	115	90	110	100	Jefferson .....	64	50	85	70	59	80
Lake .....	350	110	93	90	100	85	Hancock .....	1,495	103	108	97	100	100	Johnson .....	6	100	90	60	70	77
La Salle .....	1,607	88	101	90	110	86	Jersey .....	15	99	.....	.....	100	.....	Lawrence .....	166	88	.....	.....	75	100
Lee .....	7,123	97	97	95	90	70	Logan .....	568	100	95	68	95	96	Madison .....	775	100	95	41	100	83
Livingston .....	2,323	96	97	80	90	60	Macon .....	432	97	102	85	95	78	Marion .....	466	85	.....	.....	65	65
Marshall .....	616	84	87	62	100	96	Macoupin .....	429	95	87	90	100	100	Massac .....	34	95	.....	50	62	45
McHenry .....	1,129	95	100	85	100	83	Mason .....	1,033	100	98	85	100	98	Monroe .....	117	91	92	100	100	95
Mercer .....	3,503	90	95	95	100	83	McDonough .....	1,075	100	98	87	95	10	Perry .....	41	77	72	70	93	84
Ogle .....	4,887	97	100	85	97	98	McLean .....	1,802	95	98	88	92	76	Pope .....	7	99	.....	85	87	.....
Peoria .....	2,401	97	100	75	96	90	Menard .....	.....	100	100	80	100	95	Pulaski .....	61	100	.....	100	.....	.....
Putnam .....	742	96	105	82	100	93	Montgomery .....	958	107	101	62	83	83	Randolph .....	90	87	87	90	95	85
Rock Island .....	3,037	92	98	90	100	90	Morgan .....	5,012	93	100	79	103	85	Richland .....	758	93	87	82	60	64
Stark .....	1,015	93	95	96	100	91	Moultrie .....	141	97	100	100	.....	100	Saline .....	6	89	91	50	77	40
Stephenson .....	12,402	100	96	73	96	91	Piatt .....	201	100	100	80	95	.....	St. Clair .....	333	100	90	80	100	95
Warren .....	1,307	99	100	95	98	83	Pike .....	549	105	100	100	100	97	Union .....	.....	93	80	100	100	75
Whiteside .....	10,125	100	100	100	85	81	Sangamon .....	669	100	100	82	100	96	Wabash .....	64	84	75	.....	.....	.....
Will .....	3,476	85	97	89	97	95	Schuyler .....	382	95	107	.....	97	100	Washington .....	197	85	90	75	90	90
Winnebago .....	7,085	90	92	78	98	91	Scott .....	349	100	100	.....	100	70	Wayne .....	49	60	80	.....	.....	85
Woodford .....	736	91	97	58	100	87	Shelby .....	1,120	103	100	55	90	94	White .....	75	80	95	.....	100	65
Total or average...	118,959	95	97	85	96	88	Tazewell .....	959	99	111	67	94	87	Williamson .....	44	90	.....	.....	.....	50
							Vermilion .....	1,973	.....	100	80	83	83	Total or average...	7,831	88	88	70	81	76
							Total or average ..	32,415	95	98	76	96	86							

\*Estimated.

## CORRESPONDENTS' REMARKS.

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**ADAMS COUNTY**—Winter wheat looks well and is growing rapidly; the color is good and the root is in fine condition. The area seeded is about the same as last season. The prospect for winter rye is very encouraging. Cattle are doing well; no losses from disease or exposure. Horses are generally in fine condition and health. There has been a large number of horses sold to buyers for the eastern markets during the season at good prices. Sheep have come through the winter in good condition. Lambs are generally large and strong. There are comparatively few hogs left in this county. The prices have been unusually high, and farmers have disposed of most of their stock hogs. Farm prospects are encouraging. Oats all sown, but need rain. The soil breaks well, and considerable plowing has been done for corn.

**ALEXANDER COUNTY**—The area seeded to winter wheat last fall is about the same as that of the previous season. The early sown wheat has come through the winter in fine condition, having made a good stand during the favorable weather of the fall. The late seeding was hurt by the severe winter, there being little or no snow to protect it. Rye looks well, and a full average crop may be expected should the conditions remain favorable. A large percentage of the growing crop of wheat was drilled, and none of it winter-killed. Cattle are in better condition than for a number of years past at this season of the year. No losses from exposure. A few cattle have died from some unknown disease. Horses are healthy and in fair condition for market and spring work. The demand for heavy horses is in excess of the supply on hand. Sheep have as a rule passed through the winter in good order and are comparatively free from disease. Fully 40 per cent. of the stock hogs of this county have been killed by cholera. Farm prospects are up to the average for April 1. Very little plowing has been done.

**BOND**—The wheat area of this county is about the same as last season, and the general condition of the growing crop is better than an average for April 1. In some fields there have been small spots winter-killed. The late freezes in some localities have turned the color of wheat brown. The snow April

1 stands one foot deep on the wheat, which insures it against further damage by thawing and freezing. There is very little rye grown in this county. The general condition is good. Cattle have come through the winter in fair condition where their owners have given them proper care. More attention should be given to providing shelter for stock cattle. Horses in some localities have been troubled with distemper, but few losses have occurred. A large number of horses have been sold during the past fall and winter to Eastern buyers. The number of sheep on hand is fully 25 per cent. less than last year. Young sheep have stood the winter better than old ones, where they have received proper care. There has been but little loss from disease or exposure. In some parts of the county hogs have suffered seriously from cholera, whilst in other portions they have been entirely free from the disease. Their general condition at present is good. Oats have nearly all been sown. The area will be at least 25 per cent. larger than usual. The general outlook for the farmer is better than last season at this date.

**BOONE**—There is but little winter wheat grown in this county. The growing crop has been badly winter-killed since March 1, and the general condition is considerably below the average. The area seeded last fall is not quite as large as that of the previous season. The area seeded to winter rye is nearly one-fourth greater than that of last season, and it has come through the winter in better than an average condition. The general condition of cattle is good. The number is increased over that of last April. No losses from exposure, and with the exception of here and there a case of black-leg, cattle are free from disease. Horses are in comparatively good health. There have been two or three cases of glanders in the county, but the diseased animals have been promptly quarantined or killed by the authorities, thus preventing its spread. Sheep are in fine condition. There have been a few losses, mostly from wolves. Hogs are in better condition than usual, and there is very little disease among them. The ground is covered with snow, thus giving spring work a check. There has been some spring wheat sown.



**BROWN**—Winter wheat looks about as well as could be expected on April first. The past month has been very dry and cold and wheat has made but little growth. Should the conditions remain favorable until harvest there will be an average crop. Winter rye looks well. The area grown in this county is small and a large percentage of the growing crop was seeded for pasture. Cattle have been sold off very close. The general condition is good. No loss from exposure. Horses have wintered well, feed being plentiful and cheap. They have been unusually free from disease during the winter. There are fewer sheep in this county on April first than for years past. The losses from dogs have been very large, but few have died from disease. Hogs are in only fair condition. Cholera or lung disease has been more fatal than heretofore. Oats seeding is about over and farmers are breaking ground for corn. The weather for the past month has been cold and dry. A good rain is needed.

**BUREAU**—The area of winter wheat sown in this county is small, but few farmers, comparatively, engaging in its culture. The plant looked fairly well about the middle of March, but the weather for the past two weeks has been very unfavorable for the growing crop. The excellent results obtained last season upon a limited area have encouraged farmers to greater and more careful efforts to cultivate winter wheat more extensively. The prospect for winter rye is unusually good; little or none of it winter-killed. The number of cattle is about an average, with this date, for the past few years; condition good; no losses resulting from exposure. Horses are in fair condition and are free from disease. There has been a good demand for horses, and a large number have been shipped from this country during the past winter. There are comparatively few sheep in this county; their condition is good. Recent high prices have induced many of our farmers to reduce their supply of stock hogs far below the average. Hog cholera prevailed during the early part of the winter to an alarming extent. The season was unusually forward up to the 27th of March, when a heavy snow storm set in, and the cold weather since has considerably retarded farm operations.

**CALHOUN**—Winter wheat is in a fair average condition for April 1st. Very little of the growing crop was broadcasted. None of it was winter-killed. The area devoted to winter rye is too small for report. The condition of cattle is good. The number about the same as last season. Horses are in good demand and command high prices. About the same in number as on April 1, 1886. Sheep have come through the winter well. Early lambs are strong and healthy. There are fewer hogs than usual this spring, and many localities are afflicted with cholera. Farm prospects generally are encouraging. Farmers are seeding to oats at this time.

**CARROLL**—The area seeded to winter wheat last fall is too small for report. It is doubtful if the area would reach one thousand acres. Winter rye looks well except where sown late in the fall. The late seeding has been injured by the dry cold weather of March. Cattle are in excellent condition, hay having been of good quality and plentiful. No loss from exposure or disease. Horses are generally in good flesh. There has been some distemper among them and a

few deaths from this disease. Sheep never were more healthy. There are but few flocks comparatively in this county. Their general condition is good. Hogs wintered remarkably well and their general condition is good. Cholera has prevailed in some localities in a mild form during the winter. Farmers started their plows last week and some oats were seeded, but a heavy snowfall on the 27th has since suspended all farming operations.

**CAS**—The prospect for an abundant harvest of winter wheat was never better at this season of the year. The area seeded is larger than that of last season. Rye looks well, although the area seeded is small. Cattle are in fair condition, having been generally well cared for. Losses from all causes will not exceed 2 per cent. Horses are looking unusually well and command good prices; no disease among them. Very few sheep left in this county—a large percentage having been sold to the butchers. Cholera has prevailed nearly all fall and winter to a more or less extent among hogs. Fully one-half of last season's hogs have died during the winter with this disease. The soil is in fine condition. Oats have all been sown and some plowing has been done for corn.

**CHAMPAIGN**—The area of winter wheat seeded last fall was fully fifteen per cent. larger than that of the previous year. The snow gave the growing crop good protection during the first half of the winter. And notwithstanding the lack of precipitation, since the middle of January, its present condition is above an average. There is very little winter rye grown in this county except for early spring pasture. The plant looks well. Cattle have come through the winter in good flesh. Most farmers have provided shelter for the protection of their stock. Feed has been plentiful and cheap. Cattle are above the average in condition, for April 1st. There has been greater fatality than usual among horses the fall and winter. A distemper of an aggravating form has affected nearly all the young horses and colts. The general condition of horses is below the average. Sheep are comparatively healthy and receive better care than heretofore. Hogs have been healthy during the past season and are in good condition. The season is considerably advanced; the soil in good plowing condition. Most of the oats were sown in March, which is unusual for this latitude. A good rain is needed to give pastures and meadows a start.

**CHRISTIAN**—Owing to the dry, cold weather of the past month winter wheat does not look as well as on March 1. With favorable conditions until harvest an average yield may be expected. Winter rye never looked better than at this season of the year. Cattle have been sold off very much closer than usual; condition and health good. No loss from exposure. There has been a great many horses sold and shipped out of this county during the winter. No disease reported among horses. Sheep are in fair condition. More sheep are destroyed by dogs than by disease in this county. Hogs are healthy, but are fewer in number than usual for April 1. Farm prospects are encouraging. Nearly all the oats have been sown. Some plowing for corn has been done on the prairie.



**CLARK**—The area seeded to winter wheat last fall is not as large as that of the previous season. Owing to drouth during the early fall, wheat made but little growth, and the prospect is not good for more than three-fourths of an average yield. Winter rye is looking very well but is not extensively raised in this county. A large percentage of the area seeded was intended for pasture. Cattle are healthy and in good condition. No losses from exposure. Horses were properly cared for and not over worked, look well. A greater number than usual have been sold for the eastern market during the winter. There are but few sheep in this county. They are generally well cared for. Hogs were never in better condition at this season of the year. The number on hand is greater than that of last spring. The general outlook for the farmer is favorable. A large area of oats has been sown during March. The soil is in splendid condition, and many farmers are plowing for corn.

**CLAY**—The fall was not favorable for seeding. The soil was hard and dry and wheat did not make any growth prior to the cold, freezing weather. During the winter the plan has done reasonably well, and two-thirds of an average yield with favorable conditions until harvest may be expected. The area seeded to winter rye is very limited and a large portion of that sown was intended for pasture. Cattle are hardly up to the average condition in flesh for April 1. No losses from exposure. There has been some distemper among horses during the winter but at present their condition and health is good. There has been very little loss from any case among sheep. Owing to the low price of wool farmers have disposed of their flocks and are turning their attention to breeding the better classes of cattle and horses. The short corn crops of the past two or three years have greatly discouraged the hog breeders of the county. The general condition of hogs is good. There is a large area of oats being sown. More clover sown than usual.

**CLINTON**.—Winter wheat covers about the same area as last season. Owing to the drouth during the fall it made but little growth, and the prospects at this time is not good for average yield per acre. Winter rye is in little better condition than wheat, and covers about the same area as last season. There is an increase in the number of cattle on hand April 1. Condition and health good. Horses are in good condition and are free from disease. There is a gradual decrease in the number of sheep each succeeding year. Wool-growing is no longer considered a profitable industry. There are fewer hogs than usual; condition good, no complaint of cholera among them. Farm prospects are encouraging. Some plowing has been done for corn.

**COLES**.—Winter wheat looks well having come through the winter without winter-killing. The prospect is good for an average yield per acre with favorable conditions until harvest. Little or no rye grown in this county. Cattle, horses and sheep are in better condition than usual for April 1. Cholera has been very fatal among hogs during the past fall and winter, and the number of hogs on hand April 1, is less than for several years past. The oat area was sown earlier than usual. Considerable plowing has been done for corn. A good rain is needed to give wheat and grass a start.

**COOK**—The area of winter wheat is so small that not much can be said about it. Winter rye has come through the winter in fair condition. The area seeded last fall is about the same as the previous season. Cattle are in as good condition, if not better, than ever seen on April first. Farmers are raising a better class of horses than heretofore. Feed has been plentiful and their condition is good. There are but few sheep in Cook county; condition and health good. Hogs are looking well. The number is 25 per cent. less than a year ago. Farm prospects are exceptionally good as the present conditions indicate. March has been very mild and there is no frost now in the ground. Some oats have been seeded.

**CRAWFORD**.—Winter wheat is in much better condition than last season on April 1. Wheat sown in corn has not done well. The prospect is good for nearly an average yield per acre. Winter rye is raised largely for winter pasture. Little or none of it finds its way to market. Cattle are looking better this spring than usual, feed being plentiful and cheap. The number is about the same as last spring. Horses are in fair condition for spring work. Farmers have sold off their surplus stock much closer than usual. There is great improvement in the breeds of horses raised in this county in the last two or three years. Sheep have wintered well; spring lambs are strong and healthy. The condition of hogs is better than any season for years past. In some portions of the county shoats and pigs are afflicted with cholera in a mild form. The outlook for the farmer is more encouraging than usual for April 1. A large oats crop was sown during March. Considerable plowing has been done for corn.

**CUMBERLAND**—Very little wheat was winter-killed, and its general condition is better than usual for April 1. Winter rye is raised principally for pasture for young calves and hogs. Condition good. Cattle are as a rule very thin on account of the drouth last fall and the poor care taken of them during the winter. No loss from exposure reported. Horses are generally healthy and in good flesh, although many of them have been affected with a mild form of distemper. Sheep are in good condition; early lambs are looking well. Hogs are scarce and are not in good condition. The cholera has killed off a great many young hogs. The outlook for the farmer is very fair. Oats have nearly all been sown, and considerable plowing has been done for corn.

**DEKALB**—The area of winter wheat is a little larger than last season. The condition is backward, having made no growth this spring. The weather has been unusually cold and dry during March. Winter rye has made but small growth and covers an area about the same as last year. The condition of cattle is good. No losses from exposure or disease. Horses are in good flesh, feed having been of good quality and cheap. There has been some distemper among the colts and young horses, otherwise they have been unusually healthy. The number of horses is greatly reduced from that of April first, 1886. The supply for Eastern markets is far short of the demand. There are but few sheep in this county. Health and condition good. The loss from all causes is less than five per cent. There is the usual number of stock hogs in the county. Their condition is fair, little or no cholera among them. The



soil is in good condition for plowing and many farmers are done sowing spring wheat and oats. The ground is covered with snow at present, suspending farm work.

DEWITT—The area seeded to winter wheat in this county is limited, and the prospect is not encouraging for but little over half an average yield per acre. Owing to the dry weather at seeding time rye did not get a good start. Many fields look as if they were bare. There has not been enough warm weather as yet to develop life in the plant if any exists. The area is about the same as last season. Cattle never came through the winter in better condition, having been well fed and sheltered. There are fewer horses on hand than last April; condition and health good. Sheep look well, and with the exception of a few flocks afflicted with scab, are healthy. Cholera and neglect together have reduced the number of hogs to about sixty per cent. of the number on hand last April. The outlook for the farmer is good. The ground was frozen deep and breaks up well. Oats seeding is progressing rapidly, but the cold weather of the past few days has suspended farming operations.

DOUGLAS—Wheat made but little growth owing to the drouth before the winter set in. The prospect is good for about four-fifths of an average yield per acre. Rye is in a little better condition than wheat, and has an area equal to that of last season. Cattle wintered better than for several years past, and are in fine seasonable condition. Horses have been well cared for, are in good demand and prices are correspondingly high. Heavy horses are scarce. Sheep are in good condition, the winter having been unusually favorable for them. Hogs are doing well, but are fewer in numbers than for several years past. The soil has been in fine plowing condition and a much larger area of oats has been seeded than usual. Farm work generally is two weeks in advance of the season. Farmers are feeling very much encouraged.

DUPAGE—There is very little winter wheat grown in this county. The area seeded last fall is about the average for the past ten years. The growing crop was protected during the winter and early spring by snow. There is an increased area seeded to winter rye. The growth has been slightly retarded by drouth, but the indications are favorable for a full average crop. There has been considerable increase in the number of dairy cows. About the same number of stock cattle as on hand as April first, 1886. Condition and health fully up to the average. Draft horses are receiving more attention than heretofore in this county. The stock generally is much improved and is in good condition. There is a great demand for heavy teams for the Chicago market. There are not many sheep in this county. There are a number of fine flocks of Oxford and Cotswolds owned in the county for breeding purposes for which there is a good demand. Stock hogs are scarce; not over fifty per cent. of the usual number wintered; health and condition good. No cholera reported among them. Farm prospects are encouraging. A large area was plowed last fall for spring seeding. The soil is in good condition. Farm work was interrupted on the 28th of March by a heavy snow storm. Meadows and pastures look unusually well.

EDGAR—There was about the usual area of wheat seeded last fall and the growth was fair before the winter set in. The unfavorable weather of the past two weeks has seriously damaged the wheat and the prospect is not good for more than ninety per cent. of an average yield per acre. Winter rye is in about the same condition as wheat, the area seeded is small and much of it is intended for early pasture. Cattle are in good condition and health and there has been no loss from exposure or disease during the winter. Horses have come through the winter in better condition than usual. Farmers generally have disposed of their surplus stock at good prices. Sheep are in good condition and health. Early lambs are doing well. More sheep have been destroyed during the season by dogs than disease. Hogs have been afflicted with cholera during the fall and winter. Farmers are about done sowing oats and are plowing sod for corn. The soil breaks up well. There will be an effort made to increase the corn area.

EFFINGHAM—The area of winter wheat is not more than seventy-five per cent. as large as last year. But the prospect is very fair for a larger yield per acre than an average. The fly is working in the wheat in many localities. There was an increased area of winter rye seeded last fall and its condition is good. Cattle came through the winter in splendid condition. Farmers are paying more attention to providing shelter for their cattle than usual. No losses from exposure. Horses never looked better at this season of the year, and, with the exception of a few scattering cases of distemper, are free from disease. Sheep are in good condition but are very scarce in this county. Hogs have been sold off closer than usual; their general condition is good. Farmers are nearly all done sowing oats. The soil is in splendid plowing condition, and the general outlook is encouraging.

FAYETTE.—Winter wheat has come through the winter in much better condition than usual. Wheat growing on prairie lands suffered much more than any other, but was not damaged so as to be abandoned and plowed up. Little or no rye raised in this county. Owing to the dry cold winter cattle have wintered in better condition than usual. No losses from exposure. Health good. There has been a great deal of distemper among horses during the past fall and winter, and a number have died from the effects of this disease. Sheep are looking well; early lambs are in good condition. Hogs are scarce; the cholera has been among them in many localities for months and many farmers have lost their entire stock. A large acreage of oats has been seeded and a great deal of clover sown. The ground was covered March 30, with six inches of snow.

FORD—The area seeded to winter wheat is too small for report. Winter rye is in good growing condition, having been protected during the severe weather of the winter by snow. A large percentage of the crop of this county is sown broadcast. Cattle have wintered well and there is no disease among them. But little loss from exposure or disease. Horses have been unusually healthy during the past fall and winter. Their general condition is good. Sheep are looking well, having as a rule been well fed and sheltered. Little or no loss on account of exposure or disease. Hogs are in good condition at present. During the fall and earl



part of the winter cholera was very fatal among them. Farm prospects are very flattering indeed. The weather for March has been unusually fine. The soil is in good plowing condition. The oats area has largely been seeded.

**FRANKLIN**—The area devoted to winter wheat is about 20 per cent. less than that of the previous season. The fall was very unfavorable, owing to the drouth, for a strong growth. Many farmers are giving up raising winter wheat, and are turning their attention to other crops. No rye raised in this county. Cattle are in good condition. No disease among them and no loss from exposure. Horses healthy, with the exception of a mild distemper in some localities. Condition about an average for April 1. Sheep in fair condition and health. Hogs are thin in flesh. Cholera prevails to some extent among them, but is not fatal. Farmers are done sowing oats and are plowing for corn. Farm work is farther advanced than usual for this date. The area seeded to oats is much larger than that of last season.

**FULTON**—There is an increase in the area seed to winter wheat last fall, and the condition is better than usual for April. The prospect is all that could be expected at this time of the year. Wheat needs rain, especially on thin land. Rye has stood the winter much better than usual and bids fair to make a good crop. Cattle are in good, healthy condition. No losses from exposure, and the loss from all causes will not exceed 2 per cent. There has been some complaint of distemper and pink-eye among horses, but the diseases were of a mild form. Horses are in good demand and prices are liberal. Some few sheep were killed by exposure. Hogs are healthy at the present time. Cholera prevailed during the fall and early part of the winter to some extent. Farm prospects generally are encouraging. Oats are all sown and some plowing has been done for corn. Pastures are well advanced, and everything indicates a prosperous year.

**GALLATIN**—The area seeded to winter wheat is about the same as last season. The general condition is about 20 per cent. below the average for April first. The weather has been very dry for the past month. The growth being slow, the late seeding of wheat has not stood out. Little or no rye is grown in this county. The number of cattle is about the same as on April first, 1886. Health good and in seasonable condition. Farmers have sold off their marketable horses very close. Health and condition good. There are but few sheep in this county. Stock hogs are in good condition and health. Shoats or pigs are more or less afflicted with a mild form of cholera. Farmers are done sowing oats and considerable plowing has been done for corn. The corn area will be largely increased this season over that of 1886.

**GREENE**.—Winter wheat is in better condition than could have reasonably been expected last fall. The late seeding is small, but in fine condition, having been protected by snow during the severe weather of the winter. The area seeded to wheat is larger than the previous season. The same may be said of rye. Cattle came through the winter in better condition than for several years past. No loss from exposure. Horses are in good health and condition. Heavy horses are

in great demand and command good prices. There are few sheep in this county, owing to the low prices of wool for several years past. Hogs have been dying all fall and winter, and there are but few left for the spring and summer market. Farm prospects are flattering. The soil is in fine plowing condition. Most of the oats area has been seeded. Grass is backward owing to the want of rain.

**GRUNDY**.—The wheat area of this county seeded last fall is too small for report. Winter rye looks well and the area is about the same as the previous season. The condition of cattle is fair. No loss from exposure or disease worth mentioning. Draft horses are scarce and command good prices. The general condition of horses is above the average. There are very few sheep in this county; condition and health good. The comparative condition of hogs is good; no disease among them during the winter. Farm prospects are flattering; spring work well advanced; soil in good condition for plowing. Oats nearly all sown and considerable ground plowed for corn.

**HAMILTON**—The wheat area is about fifty per cent. of that of last year. The winter upon the whole has been rather favorable, though some sleet storms have damaged the growing wheat more or less. The warm weather and rains of February and early part of March greatly improved its condition. The prospect is good for about three-fourths of an average yield per acre. The condition of rye is much better than that of wheat. The number of cattle is about the same as last year, but the condition is considerably below the average. Unsheltered stock (and that is the rule generally with cattle) has wintered badly, but there are but few losses from disease or exposure. Horses are doing well and have been comparatively free from disease during the winter. Sheep are below the average in condition, largely from the want of proper care. Hogs are in much better condition than usual, but are fewer in number than on April 1st, 1886. Meadows and pasture lands are making an encouraging start as spring opens; clover has stood the winter fairly well. The soil is in fine working condition. Better methods, better seed and better stock are being introduced.

**HANCOCK**—The acreage of winter wheat is fully as large as last season and up to March 15th was in splendid condition. Since that time the weather has been very unfavorable for the growing crop. The drilled wheat as a rule, stands the cold, freezing weather of the winter better than that sown broadcast. The area devoted to winter rye in this county is not large. The growing crop never looked better on April first than this season. Cattle are in better condition than an average, hay having been good in quality and cheap. No loss from exposure and but little from disease. Horses have been sold off closer during the fall and winter than for years past. Their general condition and health is good. The number of sheep on hand April first is less than for several years past. In some parts of the county the number of hogs on hand is fully two-thirds short of an average. For the past two years hogs have suffered seriously from cholera. Farm prospects are encouraging. Never so large an area of oats sown during the month of March as this season. The soil is in excellent plowing condition, but it is feared the cold weather will cause the seed to rot in the ground.



**HENDERSON.**—Winter wheat is looking fine; color good and the root strong and healthy. The weather through March has been rather unfavorable for rapid growth. The recent snow-storm will be of great benefit to the growing crop. Area about the same as last season. Rye never looked better at this season of the year. Cattle are a little thin in flesh but otherwise are in good condition. No losses from exposure. Horses are in fair condition at present; many were afflicted with distemper and lung disease during the winter. Loss greater than usual. The number of sheep in this county is greatly reduced from that of a few years ago. Condition and health good. The cholera killed a great many hogs during the fall and early part of the winter. At present condition good and free from disease. The outlook for the farmer is encouraging. The soil breaks and pulverizes well. Oats nearly all sown and some plowing has been done for corn.

**HENRY.**—The area devoted to winter wheat in this county is too small for report. In consequence of the drouth last fall not more than 80 per cent. of the area of 1885 was seeded. The condition is not good. Cattle are in very poor condition. No loss from exposure. Black-leg broke out among young cattle last fall and greatly reduced them in flesh. Horses command good prices and are in better condition than usual. Sheep look well and early lambs are strong and healthy. Hogs are in bad condition; cholera has prevailed to an alarming extent; in some localities the loss will exceed 50 per cent. Farm prospects are not very encouraging. There has been less rain and snow during the past nine months than ever known for the same length of time before. Some oats have been sown. The ground has been covered with snow for the past few days, and the weather has been at freezing point every night for two weeks.

**IROQUOIS.**—There is very little wheat raised in this county. The growing crop generally looks well. The same may be said of winter rye. Cattle are looking well as there was plenty of hard and coarse feed. There was no loss from exposure. Horses are generally in good flesh and health. There are but few sheep raised in the county. The low price of wool has discouraged wool-growers and they have sold off their flocks very close. There are fewer hogs than usual for this season of the year; cholera has been very fatal among shoats and young pigs. Farm prospects are very flattering. The ground is dry and pulverizes well. Considerable oats have been sown during March. Farm work generally is well advanced.

**JACKSON.**—Winter wheat has not been doing well for the past two or three weeks owing to the freezing and thawing weather. There are some fine fields in the county, but most of the wheat is not up to an average. The rye area of this county is limited to calf pastures. There is about the usual number of cattle. Their condition is below the average owing to the drouth last summer and fall and the scarcity of feed during the winter. Horses are in fair condition and command good prices; the surplus horses of this county have been sold to eastern buyers. There is about the usual number of sheep on hand; condition poor. There are fewer hogs than usual for April 1st, and their condition is below the average. Oats are about all sown and the area devoted to this crop will be increased over that of

last season. Farm work is well advanced and farmers feel encouraged.

**JASPER.**—The area covered by winter wheat is about twenty per cent. less than that of the preceding year. The plant seems full of vitality and has made considerable growth during the past month. The ground on April 1st, was covered with three inches of snow. Winter rye is unusually vigorous and is in full average condition for this date. Cattle have wintered very well; there is no loss from exposure and but little from disease. There has been some distemper among horses during the winter, otherwise they have been in good health. Condition about an average for this season of the year. Sheep are in fair condition. There has been a gradual decrease in their number each succeeding year for several years past. Hogs are in better condition than usual, having been well cared for and generally free from disease. The month of March has been very favorable for out door work. The soil plows well. The area intended for oats was all seeded during the month. A large increase may be expected in the area put into corn.

**JEFFERSON.**—Wheat as a general thing was sown late in the fall, and made very little growth before the winter set in. During the severe weather it was protected by snow and but little of it winter-killed. The thawing and freezing weather of March damaged the prospect to some extent. Rye as a general thing is sown for a winter pasture and but little of it intended for market. Cattle are in good condition; no losses from exposure. Horses have wintered well and have been comparatively free from disease. Sheep are in fair condition, the loss from all causes will not exceed two per cent. There are fewer hogs than usual owing to the ravages of the cholera during the winter. At this time they look well. Farm prospects are flattering. The season has been more favorable than usual for sowing oats, the area of which will be largely increased over that of last year. A great deal of timothy seed has been sown this spring, as nearly all that sown last fall was killed by the extreme dry season.

**JERSEY.**—Winter wheat looked better than average until within the last ten days of March. The cold, freezing, dry weather has injured it somewhat on the knobs and on the rolling ground. The snow of the 29th will greatly benefit the growing crop. The area seeded to winter rye last fall was too small for report. Cattle are fewer in number than usual at this season of the year. There has been no fatal disease among them and their condition is good. Horses are generally in good health and condition. There is a great demand for heavy horses and prices are correspondingly high. Sheep are fewer in number than usual and there is some complaint of scab where they have not been properly cared for. About twenty-five per cent. of the hogs of this county have died of cholera during the past winter. The month of March was dry and generally favorable for early plowing. The freezing weather of the last week of the month suspended farming operations. The general outlook for the farmers is good.

**JO DAVIESS.**—The wheat area seeded last fall is fully one-third larger than that of the previous season. The unusually large yields of wheat the past five years has encouraged



farmers to extend its area. The prospect is good for an average yield per acre. Rye has wintered well and its area is about the same as that of last season. Cattle where properly sheltered are in good condition. Feed is scarce and out door stock, whilst in good health, are much thinner in flesh than usual. Horses have been generally healthy during the past winter and are in good average condition for April 1st. Some few horses have been afflicted with a spinal trouble which has generally proven fatal. There are but few sheep kept in this county. Dogs and wolves are so destructive that the sheep industry has been almost entirely driven out of the county. The number of hogs on hand is fully twenty-five per cent. less than that of April 1886. Largely owing to the scarcity of feed and high prices. There is considerable frost in the ground and the ground April 1st is covered with snow. Little or no farm work done to date.

**JOHNSON**—The area sown in wheat has made very fair growth. The late seeding is far below the average for April 1st. The area seeded to wheat last fall is about the same as that of the previous season. There is but little winter rye sown in this county. Nearly all of it is sown broadcast and looks well. A large percentage of the area is intended for pasture. Cattle are in good condition, beef cattle are scarce. There is about the usual number of stock cattle on hand. Horses are looking well; are in good demand and command good prices. Sheep are in fair condition. Wool growing is not considered a profitable industry and many farmers have sold off their entire stock. Cholera has killed off fully one-third of the stock hogs during the winter. Oats are nearly all sown and in many localities have made their appearance above ground. The soil is in fine plowing condition and many farmers are preparing to plant corn.

**KANE**—The area seeded to winter wheat in this county is very small, although increasing each succeeding year. The condition is good, but little winter-killed or drowned out. Winter rye is sown quite extensively and is looking well at present; made but small growth during the month of March. The number of cattle is about the same as last season, they are generally healthy and in good condition. The number of dairy cows has materially increased since last spring. Horses are in good order and there is no disease among them. Young colts are thin in flesh. There are very few sheep raised in this county; wool growing is not considered a profitable industry. Hogs are in better condition and health than last spring; cholera was very fatal during the summer and fall in some localities. The loss being about twenty-five per cent. Farm prospects are encouraging. A great deal of fall plowing was done for spring seeding. The soil is in good condition for plowing. A good rain is needed.

**KANKAKEE**—Owing to the dry weather of the fall, winter wheat made but little growth before cold weather set in, but having the protection of a covering of snow during most of the winter it is in better condition than was expected last fall. Winter rye looks well and with favorable conditions until harvest a full average yield per acre may be expected. Cattle are in poor condition, owing to a scarcity of fodder caused by the hail storms last July and the extreme dry weather of the fall. No losses from exposure. Horses,

owing to the cold, dry weather of the winter and the abundance of hay are in good condition and health. There has been little or no disease among them. There are not many sheep raised in this county. Owing to the low price of wool farmers have disposed of their flocks. Hogs are in good condition and health, but are fewer in number than usual for April first. The weather during March has been favorable for out-door work. The soil is in fine condition for plowing. Farmers are sowing their oats. The prospect is favorable and encouraging for the agriculturists.

**KENDALL**.—The condition of winter wheat is not flattering; from seeding time until the ground froze up the weather was almost continually dry, and the crop, especially that late planted, was not well enough rooted to stand the alternate freezing and thawing since the first of January, when the snow went off. It is safe to say that the condition is not more than 75 per cent. of an average. Winter rye appears to be fully up to the average for April 1; little or none of it having been winter-killed. Cattle are in fair average condition and health. No loss from exposure. Horses have been healthy during the year and the losses from all causes will not exceed five per cent. Sheep are in a fair average condition. The loss from dogs is much less than heretofore. Hogs are looking well; cholera has been very fatal in some localities during the winter months. The disease has not been general but has been confined to localities. Farm prospects are not flattering—only one week in March in which plow could run. Seeding to oats is now in progress.

**KNOX**—There is very little winter wheat raised in this county, but the area is being increased each succeeding year, the yield for the past five years having given farmers encouragement. The condition of winter rye is better than the average for the past five years; the area about the same the past season. Cattle are in good seasonable condition and there has been no loss among them from exposure. Horses have been sold off very close, the demand being greater than the supply and prices have been correspondingly high. There has been a gradual decrease in the number of sheep in this county for several years past; their general condition and health is good. Stock hogs are very scarce their condition is good. The soil is in fine plowing condition; breaks well and pulverizes nicely. Meadows and pastures are doing well. Farmers feel encouraged and are pushing their spring work.

**LAKE**.—The condition of winter wheat is above the average for April 1. The area is about the same as last season. Winter rye looks well and has not suffered from winter-killing. The prospect at present is good for a full average yield. Cattle are in good condition; no losses reported from any cause. A few horses have died during the winter from lung disease. The general condition of horses is good. There are but few sheep in this county; condition and health good. Hogs are looking well for this season of the year. Young pigs are afflicted with cholera. Farm prospects are not favorable; the ground is covered with snow at this time, and the frost is not all out. There is little or no out door work done.



**LASALLE.**—There is very little winter wheat raised in this county. The prospect is good for nearly an average yield per acre. There is a slight increase in the area devoted to winter rye. The growing crop looks fresh and green. There is a slight decrease in the number of cattle on hand; condition and health good. Horses have wintered well, and have been comparatively free from disease. A greater number of horses have been sold during the winter than usual. The supply is not equal to the demand, and prices are correspondingly high. Owing to the low price of wool the number of sheep in this county has been decreasing for some years past. The supply of hogs on hand is much less than usual, owing to the high prices. Farmers have sold off their surplus stock much closer than usual. There will be more spring wheat and oats seeded this season than for a number of years past. The soil is dry and in fine condition for plowing, and the area for all the spring crops will be increased over that of last season. Farmers are very much encouraged and are well up with their work for the season.

**LAWRENCE** —Winter wheat is not looking as well as usual for April 1. It has grown but little during the past three months, the weather having been very cold for this season of the year. There was 12 inches of snow on the ground on April 1. There is but little rye raised in this county for market. That seeded last fall was intended for early pasture. Horses are comparatively healthy, but few having died from any cause during the past winter. A larger number have been sold to go out of the county during the past winter than usual. Sheep are generally in good condition; early lambs are strong and vigorous. Stock hogs are doing well, although cholera in a mild form has been among them during the winter. Farm prospects are very encouraging at this time. Many farmers are still seeding to oats, but farm work was suspended March 30, by a heavy snow storm.

**LEE**—A little larger area than usual was seeded to winter wheat last fall, although the crop is not grown extensively in this county. The spring sowing of wheat will be considerably increased over the area of last season. Winter rye has come out of the winter in much better order than usual. The present condition of cattle is good; they have wintered well. Hay was plentiful and corn cheap and cattle have been liberally fed. No losses from exposure and no disease among cattle. Horses generally look well and command high prices. Sheep are in fair condition and are free from disease. Hogs have been sold off unusually close; the high prices have put young hogs into the market, that should have been kept until next fall. No cholera among hogs. The ground is in excellent condition this spring; plows up dry and mellow. Many farmers will seed their oats without plowing, using disk harrows. The snow storm of to-day will set farm work back a week or ten days.

**LIVINGSTON**—The prospect for winter wheat is not good for more than two-thirds of an average yield per acre. The growing crop needs a good soaking rain. Rye has come through the winter in a little better condition than wheat and nearly an average yield may be expected. Cattle are doing well; feed is reasonably plenty and cheap. Horses are in good health and condition.

There is great demand for heavy horses and prices are higher than last spring. The condition of sheep is about an average for April 1st. There are but few in this county. Stock hogs are very scarce; cholera has been very fatal to shoats and young pigs during the winter. The cold dry winter following the drouth of last summer has put the soil in splendid condition for plowing, especially on tiled land. Many farmers are done sowing oats and are well up with their spring work.

**LOGAN**—Wheat came from under the snow in fine condition, and made good growth until the middle of March, when the freezing and thawing damaged it to some extent. Very little attention is paid to growing winter rye in this county. The area seeded last fall was very small, but its condition is good. Cattle have wintered well, are free from disease and there is about the usual number on hand for April 1st. The number of horses is about the same as last season and they are in good condition for spring work. The surplus has been sold off very close at good prices. The low prices of wool the past two years have caused farmers to dispose of their sheep. Cholera destroyed most of the young hogs of last year. Stock hogs are scarce and demand good prices. Farm work has seldom been so far advanced at this season of the year. Oats have all been sown and many farmers are plowing for corn. Farm prospects are encouraging.

**MACON**—The unusually fine prospect for winter wheat has been materially injured by the dry cold weather during the last half of March. The area seeded last fall was larger than that of the previous season and the prospect is good for about ninety-five per cent. of an average yield. The area devoted to rye in this county is too small for report. The number of cattle on hand is not as large as that of last spring. They are in fair condition and good health; no loss from exposure. Horses are looking well. There were three cases of glanders near Maroa, and the animals were killed by order of the State Veterinarian to prevent the spread of the disease. About the same number of sheep on hand as last April; health and condition good. Hogs are in better than an average condition although there is always more or less cholera in some localities. Farm prospects are encouraging. The soil was never in better condition for seeding oats. A large area has been plowed for corn.

**MACOUPIN**—Winter wheat is looking remarkably well. No damage by winter-killing or floods perceptible though it seems to be making a slow growth. The area is somewhat larger than that of last season. There is but little rye raised in this county. The present condition of cattle is certainly above the average for this time of the year. No loss from disease or exposure. Horses have been unusually free from disease this winter and are in fine condition for April 1. Sheep are in better condition than at a corresponding date last season, owing to the favorable winter. Winter feeding was good. The lambs present a strong healthy appearance. Hogs are now in fair condition. Cholera has prevailed in some localities during the past year without becoming general and was not of a serious character. The loss would not reach 5 per cent. Oats were as a rule seeded much earlier than usual. The ground plows easy and loose. Farmers are generally well up with their work.



**MADISON**—Winter wheat is growing finely and is nearly an average in condition. None winter-killed worth naming and but a very small per cent. drowned out. More care was exercised last fall than usual in the preparation of the ground to be seeded in wheat. There is not much winter rye grown in this county, excepting for early spring pasture. Cattle are free from disease and in fine condition. Losses from exposure very small; not over 2 per cent. lost from all causes. Horses are in good condition, and have been healthy with the exception of slight colds or distemper. Sheep have come through the winter in good condition and health. Lambs are large and healthy. Cholera prevailed in many localities during the early part of the winter, but at present hogs are healthy and in fair condition. Oats are sown nearly a month earlier than in 1886. The soil is in fine condition for plowing. Farm work is being pushed as fast as the weather will permit.

**MARION**.—The area seeded to winter wheat last fall was not two-thirds as large as that of last season. Wheat on the first of March was in at least 10 per cent. better condition than on the first of April, the weather during the past month having been unfavorable for a good growth. The area seeded to winter rye was very small, and generally intended for pasture. Cattle have been fed and sheltered better during the past winter than usual, and are in good flesh. Horses never looked better at this season of the year. Sheep have come through the winter in fine condition where properly cared for. Hogs are doing well and are comparatively free from disease. The oats crop has generally been sown, and is in splendid condition. The weather during March was favorable for plowing and general farm work. The oats area will be larger than last season.

**MARSHALL**.—There is an increase in the wheat area of about ten per cent. over that of 1886. Ninety per cent. of the growing crop was drilled. The plant has made very little growth since the first of March. Winter rye is not looking as well as usual for April 1. A good rain is needed. Cattle are above the average in condition for April 1. No losses from exposure. Horses have wintered well and are in fine condition for spring work. Farmers generally have disposed of their surplus horses at good prices. Sheep are in fine condition and health; but few in this county. There are fewer stock hogs on hand than usual for April 1. Little or no cholera among them at present. The soil is in fine condition for plowing. Farming operations have been suspended on account of the snow-storm during last week.

**MASON**—Winter wheat is in as fine condition as ever seen at this season of the year having had the protection of the heavy snows during the severest cold weather of the winter. Very little wheat broadcasted in this county. The area seeded to winter rye is very limited. Cattle have come through the winter in much better order than usual; no loss from disease or exposure. Horses are looking well and are in great demand. Owing to the high prices, farmers have sold a great many heavy horses during the season. The number of sheep in this county has been gradually diminishing for several years past. The low price of wool has greatly discouraged the wool growers of this county and they have sold off their flocks for market. Cholera has prevailed during the winter to a considerable extent,

but has not been as fatal as usual. The soil is in good condition for the plow and farmers are well up with their work.

**MASSAC**.—The present wheat area is fully 20 per cent. larger than that of last season, and the prospect is good for about an average yield per acre. The growing crop was checked by the unfavorable weather during the last half of the month of March. Little or no winter rye grown in this county. There are fewer cattle on hand than last spring; condition and health good; prices low. There is about the same number of horses and mules; their condition is good, the supply not equal to the demand and prices correspondingly high. Sheep look well. There are fewer hogs than last year on April 1. Condition and health good. Farm prospects are encouraging. Some plowing has been done for corn.

**MCDONOUGH**—Winter wheat is in good condition. The dry freezing weather of March has discolored it some, but the injury is not serious. The area is about the same as last season. Rye has wintered well and promises a full average yield per acre. Cattle have come through the winter in good condition; no losses from exposure. Horses are looking well and are free from disease. Heavy horses command a good price. Sheep have been sold off very close, owing to the low price of wool. During the fall and early part of the winter cholera prevailed among hogs to a considerable extent. At this time hogs are in good condition and comparatively free from disease. The weather through March has been unusually favorable for farm work. The area seeded to spring wheat will be increased over that of last year. A large oat crop was sown during March. Farmers feel very much encouraged at present prospects.

**MCHEMRY**.—Winter wheat made fine growth during the fall and was well covered with snow during the severe cold weather of the winter. The area seeded in this county to winter wheat is very limited. The same may be said of winter rye. The ground has been too dry since March 1, for a rapid growth of the growing crops. Cattle are coming out of the winter rather thin in consequence of the scarcity of hay and grain. Farmers are increasing their herds of cattle and are grading them up by using pure bred bulls. Horses are looking well and are more numerous than usual. No disease reported among them. Sheep have wintered well. Some complaint of foot rot among them. Hogs have suffered seriously of cholera during the past winter, and the number is fully 25 per cent. less than at a corresponding date last season. It is yet too early to give any correct estimate of farm prospects. Help is very scarce and commands good wages.

**MENARD**—During the fall winter wheat made a very fair stand and having been protected by the snow during the most of the cold freezing weather of the winter; its condition is good. The area is about the same as in 1885. Very little rye raised in this county. The area is about the same as last season and the condition is good. There is an increase in the number of cattle on hand April 1st, as compared with a corresponding date last season. The winter has been very favorable to live stock generally and feed was plentiful and cheap. Horses are in good flesh and there is no disease among



them. Sheep never looked better at this season of the year. The number is gradually decreasing owing to the low prices prevailing during the past two or three years. Cholera has been unusually fatal during the past fall and winter. Hogs are not looking well. The soil is in splendid working condition. There will be an increase in the oat area seeded this spring as compared with last. Farm prospects are encouraging.

**MOULTRIE**—Up to the middle of March winter wheat was in a fair average condition. Since that time it has been injured very much by the thawing and freezing weather, and the prospect is not good for more than three-fourths of an average yield per acre. The area seeded to winter rye is too small for report. Cattle are rather thin in flesh on account of scarcity of feed. There are but few fat cattle for the spring market on hand. There is about the same number of horses on hand as last spring. Their health and condition is good. Sheep are looking well, but the number has decreased from that of last spring. Cholera prevailed to an alarming extent during the summer and fall. Oats are nearly sown, and the acreage will be larger than that of last year. The soil is in fine condition and many farmers are plowing for corn.

**PEORIA**—The wheat prospect is very encouraging and with favorable conditions an abundant harvest may be expected. There was a great deal more wheat broadcasted in the standing corn last fall than usual, and it is difficult to estimate its value as a crop. Some of it looks well whilst other fields look patchy. Winter rye has an area equal to last year, and looks well. Farmers are giving much more attention to grass than formerly and are gradually diminishing the area of small grain. Cattle look well, having been well fed and sheltered during the winter. No loss from exposure. Horses have been sold off unusually close during the winter, for the eastern markets. Sheep are in fine condition and the number is on the increase. There is less disposition on the part of the farmer to get rid of his flocks than for several years past. Farmers sold off their hogs very close during the winter, owing to the prevalence of cholera. The season is cold and backward. But little plowing done.

**PERRY**.—The area seeded to winter wheat in this county last fall was twenty per cent. short of the previous season. The prospect is not encouraging for but little over half an average yield per acre. Rye is not raised for market, but generally seeded for winter pasture. There is an increase in the number of cattle, but their condition is below the average on account of the scarcity of feed. Farmers are paying more attention to the breeding of heavy horses. The number is about the same as last year; condition and health good. There is an increase in the number of sheep on hand this year; their condition is fair; no disease among them. There are fewer stock hogs on hand April 1, than for years past. Cholera has been very fatal among shoats and pigs. A large area has been seeded to oats, and the ground is in good condition for plowing.

**PIATT**.—About the same area was seeded to wheat last fall as the previous season, and with favorable conditions a full average yield may be expected. Little or no attention is paid to growing rye by the farmers of this

county. Cattle are in good health and never wintered better. No losses from exposure. There is about the same number of horses as last season; condition and health good. There is considerable reduction in the number of sheep as compared with 1886. No disease among them. Owing to the high price farmers have sold off their hogs much closer than usual. The outlook for the farmer is encouraging. The soil is dry and in excellent plowing condition. About three-fourths of the area intended for oats has been seeded. Some plowing has been done for corn.

**POPE**—The prospect for winter wheat is not good for more than three-fourths of an average yield per acre. The plant made but little growth during the past month, owing to the dry cold weather. The area is about four-fifths that of the previous season. Little or no rye raised in this county. Cattle are thin in flesh owing to the drouth during the fall and scarcity of feed during the winter. Horses are in fine condition and health. Work horses are scarce. The number of sheep is gradually decreasing each succeeding year, owing to the low price of wool. Hogs are generally healthy and in good condition. Cholera has prevailed in a mild form in some localities during the entire winter. Oats are all sown and in many fields have made their appearance above ground. Spring work is well advanced for this date. A large amount of corn ground has been broken.

**PULASKI**—There is a slight increase in the area seeded to winter wheat last fall as compared with the previous season. The early sown and drilled wheat is in very good condition. The drouth seriously injured the late wheat. Little or no rye raised in this county. The latter part of the winter has been open affording good range for cattle running at large, while pasture lands have afforded a grade better feeding. Cattle look well. No losses from exposure. Horses are in good condition and command fair prices. No disease among them. Sheep and hogs have come through the winter in better condition than usual. The fruit bloom is well advanced having passed through the extreme cold weather of last week with but little damage. The early strawberry bloom was injured, but not enough to damage to crop. Early vegetables have been planted by the market gardeners. Farm work is progressing rapidly and the prospect is encouraging.

**PUTNAM**.—The wheat area is not as large as last season. The condition of wheat is good; the plant is well rooted and made a good stand. The ground is covered with snow at this time. Very little rye grown in this county for market. Cattle are doing well, having been well fed and sheltered during the winter. No losses from exposure. Horses have suffered more or less from distemper which has been very general; their condition is fair. Sheep have wintered well and the loss from all causes is less than usual. Our sheep-raisers use bells as a guard against the attacks of dogs upon their flocks. Hog cholera has prevailed in this county quite extensively during the past winter and fall. Farmers have commenced plowing and some oats have been sown. The recent snow will set farm work back at least ten days.

**RANDOLPH**—The wheat prospect has been injured since March 1st by the thawing and freezing weather, together with the



drouth. The area is about the same as last season. Most of the limited area of rye, some in this county is intended for early pasture and not for market. Cattle have generally been well fed and have come through the winter in better than an average condition. The number of milch cows has been greatly increased during the past year owing to the interest manifested in the dairy. No losses from exposure. Horses are not in as good order as usual owing to the scarcity of food. There has been a great many horses sold for the eastern market during the winter. Sheep are no longer considered profitable and have been sold off more closely than ever before. Condition and health good. Hogs are in good condition and are less troubled with cholera than for years past. Farm prospects are encouraging and spring work is well advanced.

**RICHLAND**—The area seeded to winter wheat last fall is about two-thirds as large as that of the previous season. The dry weather at seeding time prevented much of the seed from growing. The drilled wheat looks better than that broadcasted. The prospect is good for three-fourths of an average yield per acre. Rye is generally in good condition, a large percentage of the area seeded last fall was intended for early pasture. The month of March was cold and dry and the growing crops made but little growth. Cattle are in fair condition and health; no losses during the winter from exposure. There is some complaint of distemper among horses but the disease is of a mild form. The number is about the same as last spring; condition good. Sheep were properly cared for and are in good condition and health. Early lambs are strong and vigorous. Hogs are freer from disease than usual for April 1st. The number is about the same as last spring. Farm prospects are encouraging; oats all sown and considerable plowing done for corn. Farming operations were suspended on March 30th, on account of a heavy snow storm.

**ROCK ISLAND**—The area seeded to winter wheat in this county is very small. The plant made but little growth before winter set in, but having been well protected by snow will make nearly an average yield per acre. Winter rye looks well and has an area about equal to that of last season. Cattle are very thin in flesh. Stalk pasturage last fall was poor and the winter supply of forage short. No loss from exposure. Horses at the present time are looking well but a large number were affected with an aggravated form of distemper during the winter. Sheep are in good condition and health and about the same number on hand as last spring. There are very few stock hogs on hand, owing to the high prices farmers sold off their stock much closer than usual. The ground is in splendid condition for plowing. Farmers are seeding their oats, and the general outlook is very encouraging.

**SALINE**.—Winter wheat promises nearly an average yield per acre, should the condition be favorable until harvest. The area is about fifteen per cent. less than that of last season. Little or no winter rye is raised in this county. Cattle are healthy and in good condition. Distemper has prevailed among horses in some localities to a serious extent. But at this time they are looking well and have about recovered from the effects of the disease. Sheep are up to the

average condition for April 1. There is a large number of shoats and pigs on hand, but few grown hogs, the latter having found a market during the winter. Condition and health good. The oats area has been seeded in fine condition and much of it has made its appearance above the ground. The soil works well and farm work is advanced. Many farmers are done breaking for corn.

**SANGAMON**.—Winter wheat has seldom been in better condition on the 1st day of April than this season. Owing to the covering of snow very little if any of it winter-killed, and there has been no damage from floods or rain. Its growth was checked by the cold weather during the last half of March. With favorable conditions until harvest, a better yield than an average may be expected. The area seeded to winter rye last fall is less than that of the previous season. As a rule this crop is grown for pasture and not for market. Cattle are in average condition for April 1st. No losses from exposure or disease. The supply for the early market is very small. Horses are in good condition and health. Heavy horses are scarce and command good prices. There is about the usual number of sheep on hand. Condition fair; no disease among them. Hogs are generally in poor condition; number on hand below an average for April 1. Loss from disease during the winter fully twenty-five per cent. Farm prospects are encouraging. The weather during the past month has been very favorable for out-door work. The soil is in good condition. The acreage seeded to oats during the first half of March was very large. The area planted to corn this spring will not be as large as that of last season, as winter wheat and oats will occupy so large an acreage.

**SCHUYLER**—The wheat area is larger than that of last season; the condition is good and with favorable conditions till harvest there will be an average yield per acre. A good rain is needed at this time. There is very little rye grown in this county. Cattle have stood the winter well and are in much better condition than usual for April 1. No losses from exposure. Good horses are scarce and command high prices. Condition and health good. Sheep are in fair condition; number about the same as last April. No prevailing disease. Hogs are looking well and are comparatively free from cholera. Spring work is well advanced. Most of the oats area has been seeded and some plowing has been done for corn.

**SCOTT**.—The out-look for an average yield of winter wheat was never better. The plant is strong and vigorous, and stands thick on the ground. The area seeded is larger than that of last season. Little or no rye grown in this county. Cattle have wintered well and there is no loss from exposure. Horses are in good condition and health and command good prices. Sheep are looking well; spring lambs are strong and vigorous. The loss of hogs from cholera during last summer and fall accounts for the reduced number on hand this spring. Condition and health at present good. Oats are nearly all sown. The ground is in splendid condition for plowing. Farm work is much farther advanced than usual for this date.

**SHELBY**—The area seeded to winter wheat last fall was above the average; the growing crop is in excellent condition, and in many



fields the ground is entirely covered with a rank vigorous growth. The prospect for a large yield per acre was never better. The condition of rye is about the same as that of wheat. Cattle have wintered better than usual, having been generally well fed and sheltered. Calves have been afflicted to some extent with black-leg. Good horses are very scarce, and the supply on hand is not equal to the demand for farming purposes. Sheep have come through the winter in good condition. Early lambs are doing well. More sheep destroyed by dogs than by disease. Hogs are in good condition and health at present. The cholera killed off 50 per cent. of the hogs in some localities last fall. Oats have been sown in good order. The soil is in excellent plowing condition; pasture and meadows are doing well. Everything indicates a prosperous season for the agriculturist.

**STARK**—The area seeded to winter wheat in this county is very small. The growing crop is about the average in condition for April 1st. Winter rye looks very promising for a large yield per acre. The acreage is about the same as last season. The condition of cattle is fully up to the average for this season of the year. The scarcity of feed largely increased the expense of properly caring for cattle. No losses from exposure. Horses are in good condition and health. Heavy horses command good prices, but are very scarce. Sheep are in good condition, very few lost from any cause. The number of hogs is not so large as usual for April 1st, owing to the ravages of cholera during last summer and fall. At present hogs are free from disease. The soil is in excellent condition for plowing. Farmers are seeding to oats at this time. The cold, dry weather of March prevented pastures and meadows from making the usual growth.

**ST. CLAIR**—The wheat crop is in a very hopeful condition. The snow of the 29th ult. was of great benefit to the growing crop. And the prospects is encouraging for nearly an average yield per acre. Winter rye looks well and should receive more attention than it does. Cattle are in about average condition for April 1. No loss from exposure. Horses as a rule are in better condition than usual for this season of the year. Good horses are scarce and command high prices. There are comparatively few sheep in this county; condition and health good. Hogs have come through the winter in good condition. Little or no complaint of cholera. Every attention is given to the improvement of the breeds of hogs by the farmers of this county. Farm prospects are encouraging. A large area of oats and clover have been sown. The area devoted to potatoes will be largely increased over that of last season. Some plowing has been done for corn.

**STEPHENSON**—Winter wheat passed through the winter in unusual good condition. The area is less than that of 1886, and the prospect is good for about an average yield per acre. The same may be said of winter rye. There is about the usual number of cattle on hand. Owing to the scarcity of feed during the winter, their condition is not as good as usual. Farmers have disposed of their surplus horses at good prices. Condition and health of horses is good. There is about the same number of sheep on hand as last spring. Condition good. There has been less cholera during the fall and winter, and the

condition of hogs is above the average. The ground is still partially covered with the snow of the 27th ult. The present prospects are that farm work will commence about April 10. More fall plowing was done than usual last fall for spring seeding.

**TAZEWELL**—The area seeded to winter wheat last fall was somewhat larger than the previous seeding. The general condition of the growing crop was good until the thawing and freezing weather of March set in. A good warm rain is greatly needed. There is but a limited area devoted to winter rye in this county and the larger portion of that seeded is for early pasture and not for market. Cattle are in fine condition; no losses from exposure and the health of live stock generally was never better at this season of the year. Horses are in fair condition, some colts have died from distemper, but the general health of horses is good. Sheep are doing well, lambs are large and vigorous. More sheep destroyed by dogs than by disease. Cholera has killed fully 50 per cent. of the stock hogs of this county. A rendering establishment has been in operation near Delavan thus utilizing the carcasses. The soil is in fine condition for the plow.

**UNION**—The area seeded to wheat last fall in this county is larger than that of the previous season. And the prospect is good for nearly an average yield per acre. A good rain is needed at this time to give the growing crop a start. Little or no winter rye raised in this county. Cattle are in good health though rather thin in flesh. About the same number on hand as last April. Horses never looked better at this season of the year. Good horses are scarce and prices are higher than last season. There is about the same number of sheep on hand as last April and they are in good condition and health. Hogs are looking well; are comparatively free from disease. Farm prospects are encouraging. A large oats area has been seeded and some plowing done for corn.

**VERMILION**—The prospects for winter wheat is encouraging for nearly an average yield per acre. Should the conditions remain favorable until harvest. The area is about the same as that of last season. The limited area devoted to winter rye is in good condition. There is about the usual number of cattle on hand; their condition is fair and health good. Heavy horses are scarce and command good prices. Condition and health good. There are more sheep on hand than on April 1st, 1886. Sheep have wintered well. There is a larger number of young hogs on hand than usual. They have been comparatively free from disease during the winter. Farmers are about through sowing oats and spring wheat. Farm work is fully two weeks in advance of the season.

**WABASH**—During the past two weeks wheat has been greatly injured by the thawing and freezing process, and by the dry weather. The wheat growing in the bottoms along the river has not been damaged by floods or over-flow. Wheat that was sown early during the extreme dry weather of the fall has not made much growth. The plant up to this time has made but little growth. No rye raised in this county worthy of report. Cattle are in good order for this season of the year. Feed was plentiful and cheap. No losses from exposure or disease. Horses



are generally in good flesh and are free from disease. Sheep have been shipped out of the county for market. Wool growing is no longer considered remunerative owing to the low prices. The supply of stock hogs is greatly reduced when compared with April 1, 1886. With nine inches of snow on the ground April 1, the prospect for the agriculturist is anything but encouraging.

**WARREN**—The winter wheat and rye area of this county is very limited; owing to the dry weather during the fall, there was but small growth. During the severest portion of the winter growing crops were protected by snow, and are fully up to the average in condition for this season of the year. Cattle are thin in flesh as corn and hay were scarce. No losses from exposure. Horses are in good condition and with the exception of a few cases of distemper are healthy. There is very little attention paid to wool-growing or sheep raising in this county. The continued low prices have discouraged the farmers engaged in this industry and many of them are turning their attention to breeding cattle and horses. The loss of hogs from cholera and exposure will exceed 20 per cent. many herds have been entirely destroyed by cholera. Nearly all the oats have been sown. The acreage of oats will be large; considerably more clover and timothy has been sown than usual. The soil breaks and pulverizes well. The weather has been extremely dry for months. Wells are very low. The usual area of corn will be planted this season.

**WASHINGTON**—The area seeded to winter wheat last fall is less than that of 1886; the prospects for a large yield per acre is good. There was less injury by winter-killing or floods than usual. There is an increase in the area seeded to rye over that of last season; the prospects for a large yield per acre is encouraging. The condition of cattle is not up to the average of April 1, for this county. Feed was unusually scarce; no losses from exposure. Horses are in good condition and health. Farmers have disposed of their surplus stock at good prices. Sheep are doing well; no disease among them. Hogs have been afflicted with a kind of mange, otherwise they are in good condition and health. The number is about the same as last spring at this date. Farmers are about through sowing oats; meadows and pastures look very well. Fruit trees are about ready to bloom. An unusually large area has been seeded to Irish potatoes.

**WAYNE**—The prospect for winter wheat is not good for more than one-half an average yield per acre. The growing crop looked very well until the second week in March, when by a freezing and thawing process some fields were almost entirely destroyed. There is no rye grown in this county. Cattle are in good condition, but few are being fed for market. Young cattle have been afflicted with black-leg. Good farm horses are in demand and command good prices. There are not more horses in the hands of the farmers than are required for the proper cultivation of the seasons crop. Sheep have wintered well. Lambs are strong and healthy. There are but few hogs; their condition is good. Cholera has prevailed among shoats and pigs during the entire winter. There has been the largest area of oats sown this spring of any for the past five seasons. Considerable plowing has been done for corn. At this time the prospect for fruit is very good.

**WHITE**—Winter wheat is in fair condition. The plant is strong and vigorous. The dry cold weather has checked its growth some since the middle of the month. Winter rye is looking well and promising a full average yield per acre. Cattle are in fine condition and health, no deaths from exposure. Heavy horses are scarce and command good prices. Farmers have sold off their surplus horses much closer than usual. There are comparatively very few sheep in this county. Condition and health good. Cholera was very fatal during the early part of the winter, and there are fewer stock hogs on hand than usual for April 1st. Farm prospects are encouraging. A large area has been seeded to oats during March. Some plowing has been done for corn.

**WHITE**—The area seeded to winter wheat last fall is much smaller than that of the previous season. The growing crop was injured by the drouth last fall and by the cold dry weather last month. The prospect is not good for more than two-thirds of an average yield per acre. There is some complaint of fly in the wheat. Little or no attention is paid to the cultivation of rye. Cattle are about in an average condition for April 1st, but are fewer in number than last spring. Horses are in good health and condition and have been comparatively free from disease during the winter. Owing to the low prices of wool farmers have disposed of their flocks, and but few sheep remain in the county. Stock hogs are very scarce and command good prices. Farm prospects are good. Oats have all been sown and a large amount of plowing has been done for corn. It was too cold and dry during March for grass to make much growth.

**WHITESIDE**—The wheat area of this county is very small. But its condition is good. The prospect is encouraging for a full average yield per acre of winter rye. Cattle have wintered well and their condition is above the average for April 1st. No losses from exposure. The number of horses on hand is not as large as that of last season. Their condition is good. There are very few sheep in the county; more are lost from dogs than disease. Cholera has reduced the number of hogs to about fifty per cent. of the usual number for April 1st. The disease has abated and at present hogs are in fair condition. Everything looks favorable for the agriculturalist. A large area of spring wheat and oats has been seeded.

**WILL**—There is but little winter wheat raised in this county. The area is 20 per cent. less than that of last season. The fall was unusually dry and wheat made but little growth before winter set in. Winter rye never looked better at this season of the year. Little or none of it was winter-killed. Its condition is about the average for April first. Cattle look very well, the winter having been favorable and food plentiful and cheap. There is about the usual number of horses in the county and their condition is good; no disease reported among them. There has been a gradual reduction in the number of sheep for several years past. More sheep are killed by dogs than by disease. Hogs are in fine condition and health but are not so numerous as on April first, 1886. Hogs have been comparatively free from cholera during the past winter. The oats crop is nearly all seeded and considerable plowing has been done for corn. Spring is a little backward.



**WILLIAMSON**—Winter wheat has been frozen out to some extent and shows the effect more than a month ago. It has made little or no growth during the past month. The weather has been cold and dry and unfavorable for the growing crop. The area of winter rye seeded in this county is intended for early pasture and but little of it finds its way into market. The general condition of rye is better than that of wheat. The condition of cattle is not good, a large per cent. of stock cattle are in flesh from the scarcity of feed. No losses from exposure but a number of cows have died from a disease thought to be Texas fever. Horses have suffered more than usual from colds and distemper during the winter. There is about the same number on hand as on April first, 1886. Sheep are generally in good condition with very little disease among them. The total loss will not exceed five per cent. Corn has been scarce and the price has been high, consequently hogs are in poor condition. Cholera has been very fatal in some parts of the county and the estimated loss is 40 per cent. of the hogs on hand December first. The drouth of last summer killed a large percentage of the timothy and clover meadow. Oats are all seeded and considerable plowing has been done for corn. It is feared the recent cold weather has injured the fruit prospect.

**WINNEBAGO**—The acreage seeded to winter wheat last fall is smaller than that of the previous season, owing to the drouth during the fall. The growing crop has made but little growth since winter set in. Winter rye looks well and promises nearly an aver-

age yield per acre. There are about the usual number of beef cattle on hand; there is a large increase in the number of dairy cows. Their general condition is good. There is a small increase in the number of horses; condition and health good. Prices are ten per cent. higher than last season. Sheep are looking well and are free from disease. The high prices of hogs, for the past sixty days have reduced the number on hand below the average for April 1. Hogs as a rule have been healthy and are in good condition. Farmers are very backward with their work. Little or no plowing has been done. A heavy snow fell on the last of March.

**WOODFORD**—The area of winter wheat seeded last fall is about the same as the previous season, and the growing crop is fully up to the average condition for April 1st. Owing to the low price of rye the area has been diminished fully twenty per cent when compared with that of last season; its general condition is about the same as that of wheat. Cattle are in fair condition, the winter having been cold and dry, there is little or no disease among them. No losses from exposure. There is a great demand for heavy horses, and a larger number than usual have been sold off during the winter. Sheep are in good condition, the number is about the same as last spring. The winter was cold and dry, which was favorable for out-door stock. There is not more than two-thirds of the usual number of hogs on hand the first of April. The soil is in good order. Considerable oats have been sown during March, but the cold weather of the past ten days has delayed spring work.





ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-30, 1887.  
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 8-18, 1887.

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## STATISTICAL REPORT

— OF THE —

# Illinois State Board of Agriculture.

— FOR —

## MAY, 1887.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE  
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE.

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CHARLES F. MILLS, SECRETARY  
SPRINGFIELD.

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CIRCULAR 134.

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SPRINGFIELD, ILL.:  
ILLINOIS STATE JOURNAL COMPANY.  
1887.

# Illinois State Board of Agriculture.

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# ILLINOIS CROP REPORT,

—FOR—

MAY, 1887.

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Synopsis of the Reports of Correspondents upon the Condition of the Growing Crops, Etc.

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ILLINOIS DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, May 1, 1887. }

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of May.

The correspondents of the Department, are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past ten years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

## SEASON.

The Monthly Weather Review of the Department contains detailed information concerning the temperature, precipitation, etc., for the past month, and will be sent on application to all interested in the meteorological conditions that prevailed throughout the State during that period.

## WINTER WHEAT.

The condition of winter wheat has improved somewhat since April 1, and while not quite so good as on May 1, 1886, is better than usual on that date.

The prospects are encouraging for an average yield per acre in the Central Division of the State, and for over three-fourths of a crop in the Northern and Southern counties. There has been very little complaint of damage by fly or chinch-bug, and with favorable conditions until harvest, very nearly an average yield per acre may be expected.

### NORTHERN DIVISION.

The condition of winter wheat in this portion of the State gives encouragement for an average yield per acre in but two counties, viz.: DeKalb and DuPage. Ninety per cent. or over of an average yield may be expected in the following counties, viz: Boone, 97; Carroll, 90; Cook, 92; Grundy, Iroquois and JoDaviess, 90; Kankakee, 92; Knox, 96; Lake, 92; Lee, 94; Marshall and McHenry, 90; Ogle, 92; Putnam, 90; Stephenson, 93; Warren, 95; Whiteside, 90; Will, 98; Woodford, 91. Less than ninety per cent. of an average yield may be expected in Bureau, 85; Henderson, 88; Henry, 78; Kane, 80; Kendall, 78; LaSalle, 82; Livingston, 75; Mercer, 85; Peoria, 77; Rock Island, 79; Stark, 85 and Winnebago, 78.

### CENTRAL DIVISION.

The condition of winter wheat has improved greatly in the Central part of the State since April 1, and the prospect is encouraging for more than an average yield per acre from this section. The greatest improvement has been in the counties of Adams, Christian, Clark, DeWitt, Douglas, Fulton, Greene, Jersey, Logan, McDonough, Menard, Montgomery, Pike, Shelby, Tazewell and Vermilion. In each of these counties the condition is five per cent. or more, better than on April 1.

### SOUTHERN DIVISION.

The condition of winter wheat in Southern Illinois is five per cent. better than on April 1, owing to the rains which fell during the latter portion of April. In the following counties the improvement was most marked: Bond, 6 per cent.; Clay, 17; Edwards and Effingham, 6; Franklin, 25; Gallatin, 10; Hamilton, 7; Hardin, 19; Jackson, 33; Jasper, 10; Jefferson, 5; Marion, 7; Massac, 7; Perry, 20; Pope, 15; Randolph, 12; Washington, 7; White, 5. The most discouraging report comes from Wayne county, where the prospect is good for but little over half a crop, 51 per cent. A table published elsewhere shows the condition of winter wheat in each county in the State, on May 1, for a number of years.

## SPRING WHEAT.

### NORTHERN DIVISION.

An increase in the acreage of spring wheat sown this season is reported in the majority of the counties in this portion of the State. Only the six following counties report a less acreage than last season, viz: Cook, 97; Knox, 95; Peoria and Putnam, 97; Stephenson and Warren, 98. The area is the same as last season in Kane, Lake, Livingston, Stark and Will counties. The acreage of this crop in the Northern Division is six per cent. larger than in 1886.

The condition of spring wheat May 1, was but ninety-four per cent. The prospect is encouraging for an average or better yield per acre as follows: Boone, 102; DeKalb, 108; DuPage, 100; Iroquois, 105; JoDaviess, 100; LaSalle, 100; McHenry, 100; Ogle, 102; Winnebago, 100. In the remaining counties in this section, the condition is below the average.

### CENTRAL DIVISION.

Not quite so large an area of spring wheat (ninety-six per cent.) was seeded as last season in Central Illinois. In the following counties there is a slight increase in the area as compared with 1886, viz: DeWitt, 120; Macon, 110; McDonough, 102; Montgomery, 110. In the other counties in this division in which the crop is grown, the area as compared with last season is as follows: Champaign, 75 per cent.; Cumberland, 90; Ford, 50; Fulton, 95; Logan,



Mason, McLean, Piatt and Tazewell, 100. The condition of spring wheat in the Central portion of the State May 1, was 70 per cent. in Macon county; Ford, 75; DeWitt, 90; Fulton and Tazewell, 95; Champaign, Logan, Mason, McDonough, McLean, Montgomery and Piatt, 100; Cumberland, 110.

### SOUTHERN DIVISION.

Spring wheat is reported in but one county in the Southern Division of the State this season, where the area is reported as the same as in 1886, and the condition promises ninety-five per cent. of an average yield per acre.

### OLD WHEAT.

The supply of old wheat in the producers' hands May 1, is much larger than at corresponding date last year, and is very near the average amount on hand May 1.

The amount of wheat raised in Illinois in 1886 was over twelve millions of bushels more than was needed for local consumption and seed.

The following table gives the amount of "old wheat" in first hands the first of May, 1881, 1882, 1883, 1884, 1885, 1886 and 1887:

Year Produced.	Crop in bushels.	Per cent. crop on hand following May 1.	Amount crop in producers' hands following May 1.	Surplus wheat above seed and consumption at harvest.	Deficit at harvest.
1880.....	56,508,309	*15	8,476,246	39,851,883	.....
1881.....	22,374,163	13	2,924,039	5,765,414	.....
1882.....	52,323,261	15	8,174,634	36,214,133	.....
1883.....	20,374,572	15	3,208,358	4,575,152	.....
1884.....	34,367,493	18	6,350,202	17,367,794	.....
1885.....	5,299,243	14	1,201,904	.....	5,439,786
1886.....	28,284,086	15	4,000,931	12,082,999	.....
Average .....	31,361,592	15	4,905,188	19,309,562	5,439,786

\*Estimated.

The amount of surplus wheat above seed and consumption given in the above table is determined by deducting at time of harvest from the entire crop of the season, the quantity required to seed an area equal in extent to that harvested, at the rate of  $1\frac{1}{2}$  bushels per acre, and provide 4 bushels per capita for consumption during the ensuing twelve months.

### RYE.

The May 1 condition of rye is not quite so good as on the same date last year, but is above the average for a term of years, and with favorable conditions until harvest, nearly an average yield per acre may be expected. In the Northern Division the average condition is ninety-five per cent. The condition of rye in the Central Division is ninety-nine per cent., but few of the counties in this section reporting the condition of the crop as below an average. In the Southern Division of the State the prospects for an average yield per acre are the least encouraging, but it is equally as good as on May 1, 1886.

In a table published elsewhere, the condition of the crop in each county in the State, will be found compared with the same date for a series of years.

### OATS.

The area of the present seeding of oats is reported as seven per cent. greater than that of 1886. This increase is owing to the dry weather during March and April, which enabled the farmers to get their land in proper condition and their seeding done much earlier than usual.

In the Northern Division, the area seeded is three per cent. greater than last season; in the Central Division, five per cent., and in the Southern Division, fourteen per cent.

### NORTHERN DIVISION.

The condition of oats in Northern Illinois May 1, is ninety per cent. The prospects are good for an average or better yield per acre in only four counties in this division, viz: Boone and DeKalb, 102; Livingston and McHenry, 100. The poorest outlook is in Peoria county, 63 and Henry, 67 per cent. The condition of oats in this section on May 1, for a number of years, has been as follows: 1882 and 1883, 97 per cent.; 1884, 98; 1885 and 1887, 90; 1886, 100.

### CENTRAL DIVISION.

But two counties in the Central Division of the State report the condition of oats up to an average for May 1; Vermilion, 100; Montgomery, 105. In the other counties in this Division the condition is as follows: Brown, 75; DeWitt, 80; Calhoun, 82; Edgar and Jersey, 83; Moultrie, 85; Schuyler, 86; Ford, Pike and Shelby, 87; Macoupin and McLean, 88; Coles and Douglas, 90; Clark, Cumberland and Macon, 92; Adams, Mason and McDonough, 93; Cass, Sangamon and Scott, 94; Fulton, Logan and Menard, 95; Champaign and Christian, 96; Hancock and Piatt, 97; Greene and Tazewell, 98; Morgan, 99.

The May 1 condition of oats in this division for a term of years is as follows: 1882 and 1883, 98; 1884, 94; 1885, 97; 1886, 96; 1887, 91.

### SOUTHERN DIVISION.

The condition of oats in this portion of the State was rather better on May 1, than in the Northern and Central Divisions. The prospect was encouraging for an average or better yield per acre in the following counties. viz: Clay, Edwards, Jasper, Madison, Monroe and Perry, 100; Effingham, 101; Massac, 103; Marion, 104; Fayette, 106; Hardin, 110. In the other Southern counties the condition is as noted, Alexander, 97; Bond, 92; Clinton, 95; Crawford, 89; Franklin, 97; Gallatin, 95; Hamilton, 94; Jackson, 97; Jefferson, 96; Johnson, 91; Lawrence, 94; Pope, 97; Pulaski, 83; Randolph, 97; Richland, 97; Saline, 87; St. Clair, 80; Union and Wabash, 90; Washington, 98; Wayne, 94; White, 92; Williamson 94.

The average condition of oats at this date for several years has been, 1882, 90; 1883 and 1886, 91; 1884 and 1887, 96; 1885, 93.

The area of oats in Southern Illinois is fourteen per cent. greater than that of 1886. The following are the counties in which is the greatest increase: Hamilton, 144 per cent.; Marion, 141; Jefferson, 136; Wayne, 131; Bond, 127; Effingham, 126; Randolph, 125; Washington, 122; Edwards, 120. But one county in Southern Illinois reports a smaller acreage than in 1886, Gallatin, 95 per cent.

The table published elsewhere gives the comparative area and May 1 condition of oats in each county in the State.

## BARLEY.

This crop is receiving attention in but twenty-one counties in the State, in the majority of which the area seeded this season is as large or larger than that of 1886.

The condition of the crop is up to an average for May 1, in eight of the counties reporting, and in the others the condition is such as to give promise of from seventy-seven to ninety-eight per cent. of an average yield per acre.

## OLD CORN.

The 1886 corn crop of 182,755,053 bushels is considerably less than the average crop of the past eight years. The crops of 1881 and 1882 alone were smaller. A little over twenty-four per cent. of the old corn remains in first hands May 1.



The following table gives the amount of "old corn" in the producers' hands May 1, the past eight years, as well as the extent of the crop produced the preceding year:

Year Produced.	Crop in bushels	Per ct. corn on hand fol- lowing May	Bushels corn in produ- cers' hands following May
1879 .....	305,913,377	32+	99,239,889
1880 .....	250,697,036	28+	71,929,343
1881 .....	174,491,706	21+	37,445,964
1882 .....	179,471,729	24+	43,450,857
1883 .....	186,583,558	21+	39,478,621
1884 .....	207,556,662	24+	50,102,262
1885 .....	230,922,298	24+	57,107,027
1886 .....	182,755,053	24+	44,247,096
Average.....	214,798,927	25	55,375,132

MEADOWS.

Only about one-fourth of the counties in the State show an increase in the area of meadows, as compared with 1886. In nineteen counties the area is the same as last year, while in the remaining fifty-six counties, the area devoted to meadows is from one to thirty-five per cent. less than it was a year ago.

This decrease is largely owing to the continued drouth of last summer which burnt the grass, to such an extent that many farmers have plowed their meadows up and sowed them to grain.

The condition of meadows is considerably below the average for May 1, owing to the cold, dry weather of the spring, which has retarded the growth of all vegetation.

PASTURES.

As the farmers in the State awaken to the advantages of stock-raising, more land is devoted to pasture, and in all except thirty-seven counties, the area is as large or larger than last season.

The spring has been so cold and dry that pastures have made but little growth and their condition is rather below the average.

LIVE STOCK.

HORSES.

There has been very litte change in the number and condition of horses in the past year. There has been a good demand for heavy horses, and farmers have sold off their surplus stock, so that the number on hand is a little less than last year on May 1.

The condition of horses is good. Very little disease has existed among them. In a majority of the counties the condition is fully up to an average and in the rest the condition is but little below an average.

A table published elsewhere gives the comparative number and condition of horses in each county of the State.

MULES.

Mules are receiving very little attention from the farmers of the State, only eleven counties showing an increase in the number on hand May 1, as compared with the same date in 1886.

Mules are in good condition and no disease exists among them.

CATTLE.

The number of cattle in Illinois May 1, is a little less than at corresponding date in 1886. The condition of cattle is good, considering the drouth of last summer and this spring, which has kept the pastures short. No disease has been reported among them.

DAIRY COWS.

More attention is being paid to dairy farming each year, and in the majority of counties in the State the number of dairy cattle is greater than a year ago. Condition good. A table published elsewhere in this report gives the number and condition of cattle and dairy cows in each county in the State.

HOGS.

There is only about three-fourths of the usual number of hogs in the State on May 1. Two causes have operated to reduce the number to such an extent: First, many hogs died of cholera; and second, the high prices and fear of cholera induced farmers to sell their hogs very closely. At this date, May 1, hogs are in fair average condition.

SHEEP.

Very few counties report an increase in the number of sheep since May 1, 1886. In the majority of counties the number of sheep is from five to twenty per cent. less than a year ago. Sheep are generally in good condition and there are no complaints of disease among them.

SPRING WORK.

The spring work is much more advanced than is usual on the first of May. During March and April there was very little rain to interfere with out-door work, and a large proportion of the plowing is done, and in Southern and Central Illinois much of the corn has been planted. The soil is in fine condition, and the recent rains will cause the seed to germinate and sprout quickly.

WAGES PAID FARM HANDS.

The reports from all portions of the State indicate that the supply of farm hands is about equal to the demand. The average wages paid to farm laborers are very little different from those paid a year ago. As compared with 1886, they are as follows: Per day with board, 1886, \$0.85; 1887, \$0.84; per day without board, 1886, \$1.11; 1877, \$1.11; per month with board, 1886, \$17.50; 1887, \$17.43; per month without board, 1886, \$23.73; 1887, \$24.63. The average wage paid farm hands during the past eight years in the three grand divisions of the State are given in the following table:

DIVISION.	PER DAY.		PER MONTH.	
	With boa'd	Without board.	With boa'd	Without board.
Northern.....	\$0 99	\$1 28	\$19 74	\$27 80
Central.....	0 86	1 12	17 88	24 89
Southern.....	0 68	0 94	14 67	21 19
Average.....	\$0 84	\$1 11	\$17 43	\$24 63



The wages paid farm help in the three divisions of the State, during the past eight years is given in the following tables:

## NORTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boar'd	Without board.	With boar'd	Without board.
1880.....	\$0 94	\$1 15	\$17 55	\$25 25
1881.....	0 95	1 25	19 55	27 25
1882.....	1 05	1 40	21 40	29 75
1883.....	1 05	1 35	21 15	29 75
1884.....	1 00	1 25	20 50	29 00
1885.....	1 00	1 25	19 50	27 75
1886.....	1 00	1 30	19 18	26 80
1887.....	0 95	1 30	19 10	27 50
Average.....	\$0 99	\$1 28	\$19 74	\$27 88

## CENTRAL DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boar'd	Without board.	With boar'd	Without board.
1880.....	\$0 75	\$1 00	\$16 15	\$22 65
1881.....	0 85	1 10	17 85	24 75
1882.....	0 90	1 20	18 65	25 80
1883.....	0 90	1 20	18 90	26 25
1884.....	1 00	1 25	18 75	25 75
1885.....	0 75	1 00	17 75	25 00
1886.....	0 85	1 10	17 45	24 45
1887.....	0 85	1 10	17 55	24 50
Average.....	\$0 86	\$1 12	\$17 88	\$24 89

## SOUTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With boar'd	Without board.	With boar'd	Without board.
1880.....	\$0 65	\$0 95	\$14 00	\$20 45
1881.....	0 65	0 90	14 75	21 05
1882.....	0 65	0 90	14 55	21 00
1883.....	0 70	0 95	15 30	22 10
1884.....	0 75	1 00	15 25	22 25
1885.....	0 75	1 00	15 00	21 25
1886.....	0 65	0 90	14 25	20 90
1887.....	0 65	0 90	14 30	20 50
Average.....	\$0 68	\$0 94	\$14 67	\$21 19

## SEED DISTRIBUTION.

This Department has requested members of Congress to send crop correspondents residing in their respective congressional districts such seed as the government may have for distribution, and any reporter who has failed to receive such recognition from his representative at Washington is requested to report the fact to the undersigned.

## AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past ten years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

*Secretary.*



## CORRESPONDENTS' REMARKS.

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**ADAMS**—But little of the wheat seeded last fall winter-killed and the prospect is encouraging for more than an average yield per acre. Winter rye is looking well and in about an average condition for May 1. There is an increase in the oats area as compared with that of last season. The growth is rapid and vigorous. Meadows and pastures are backward, owing to the unfavorable weather of the spring. The prospect for a large crop of pears, grapes, raspberries and blackberries is good; apples and strawberries have been injured to some extent by the recent frosts. About one-fourth of the old corn and wheat crops remain in the hands of the farmers. More plowing has been done to date than usual. There is a decrease in the number of live stock on hand compared to the corresponding date last season. With the exception of cholera in a mild form among hogs, farm animals are in good condition and health.

**ALEXANDER**—Winter wheat has seldom been in better condition at this season of the year; and if the conditions remain favorable until harvest a better yield than an average may be expected. The same may be said of winter rye. Oats cover an area equal to that of last season and are making fine growth. Meadows and pastures are not quite up to an average for May 1, owing to the unfavorable weather. Less than ten per cent. of the old corn and wheat crop remains in the hands of the farmers. There is an increase in the number of stock cattle and about the same number of horses, mules and sheep on hand as last season at this date. There will be an abundance of all kinds of fruits. The bloom is unusually large. Farmers are well advanced with their spring work.

**BOND**—There has been an abundance of rain during the past month, and wheat that had begun to show injury from the drouth is now a rich green color and making a rapid vigorous growth. The prospect is good for more than an average yield per acre should the conditions remain favorable until harvest. Little or no winter rye is grown in this county for market. The oats area has been increased about twenty-five per cent., and the growing crop is in fair average condition for May 1. Meadows and pastures

are hardly up to the average in condition owing to the drouth in the early spring, but at this time grass is making rapid growth. There is an abundance of bloom on apple trees and small fruits. There will be a few peaches. There is a slight decrease in the number of cattle, horses, mules, sheep and hogs on hand May 1, as compared with the corresponding date last season. Their general condition is good. More than one-half of the spring plowing has been done. Less than twenty per cent. of the old corn and wheat crop remains in the hands of the farmers.

**BOONE**—Winter wheat is in very fair condition and promises nearly an average yield per acre with favorable conditions until harvest; very little of it having been winter-killed. Winter rye looks well and is in about the same general condition as wheat. The area seeded to spring wheat is larger than that of last year and its condition is above the average. Oats have made unusual growth and cover an area equal to that of last season. The same may be said of barley. Meadows and pastures are in better than an average condition. The number of cattle, horses, mules and sheep on hand is about the same as last season at a corresponding date. The number of hogs on hand has decreased when compared with the number on hand May 1st, 1886. Live stock is in good health and condition. But little over ten per cent. of the old corn remains in the hands of the producer. Nearly all the spring plowing has been done. There is a very fair prospect for every variety of fruit grown in this latitude.

**BROWN**—Wheat has improved very much during the past month, and the prospect is encouraging for an average yield per acre. Winter rye is looking well, but little raised however for market. The oats area is not quite as large as that of last season and its condition is not good for more than three-fourths of an average yield per acre. Meadows and pastures are in fair condition, recent rains having improved them. About twenty per cent. of the old corn and wheat remains in the hands of the farmers. The prospect for apples, cherries and all small fruits is good; there will be some peaches. The soil



is in splendid condition and farmers are well advanced with their spring plowing. Farmers have disposed of their stock cattle and hogs much closer than usual. The number of horses and mules on hand is about the same as last season at corresponding date. The general condition of live stock is very good.

**BUREAU COUNTY**—Winter wheat—many were badly thinned out being winter-killed. The extreme drouth during April also injured the plants so that the present prospect for an average yield per acre is not encouraging. Rye stood the winter much better than wheat but is somewhat backward on account of the drouth. There is a slight increase in the area seeded to spring wheat and its condition is good. The area seeded to oats is larger than that of last season. About fifty per cent. of old corn remains in the hands of the producer. Meadows and pastures have suffered for want of rain. About the usual number of cattle, horses and sheep remain in the hands of the farmers and about two-thirds of the usual number of hogs. The condition of live stock is good. The soil is in fine condition and about four-fifths of the spring plowing is done.

**CALHOUN**—The condition of winter wheat is fully up to the average of May 1, and should the conditions remain favorable an average yield may be expected. The area seeded to spring wheat, oats and barley is a little larger than that of last season. Meadows and pastures are about an average in condition, the recent rain having greatly improved them. About ten per cent. of the old corn crop remains in the hands of the farmers. The fruit prospect is not as good as on May 1, 1886. The buds are more or less injured by the recent frost. The soil is in fine plowing condition and farmers well advanced with their spring work. The number of live stock remains about the same as last season. There is some complaint of cholera among hogs. Other farm animals are in good condition and health.

**CARROLL**—Owing to the dry freezing and thawing weather of March and April, winter wheat is not in an average condition for May 1st. More than twenty-five per cent. of the area seeded last fall was winter-killed. Rye stood the winter better than wheat and the prospect is good for an average yield per acre. There is an increase in the area seeded to spring wheat, oats and barley, and the growing crops are in fair average condition. Meadows and pastures are short, owing to the drouth, but at this time are growing finely. There is an increase in the number of cattle and horses on hand May 1st, as compared with the corresponding date last season and a decrease in the number of hogs and sheep. Health and condition good. It is too early in the season to give the fruit prospect. There is about twenty-five per cent. of the old corn crop in the hands of the producer. More than three-fourths of the spring plowing has been done.

**CASS**—The recent rains have greatly improved the prospect for an average yield per acre of winter wheat. The plant is of a dark green color and is making a very rapid, vigorous growth. There is very little rye sown in this county, the general condition is about an average for May 1st. The area seeded to oats this spring is larger than that of last season, and the condition is about an aver-

age for May 1st. Meadows and pastures are in very good condition, have suffered some from the want of rain. The number of cattle, horses and sheep is about the same as last season at a corresponding date. There are fewer hogs than on May 1st, 1886. The general condition of farm animals is above the average for this date. About one-fourth of the old corn and wheat remains in the hands of the farmers. Nearly all the spring plowing has been done. Fruit prospect is very good. There will be an abundance of apples and cherries.

**CHAMPAIGN COUNTY**—The condition of winter wheat is above the average for May 1. But little of it winter-killed. The plant is strong and vigorous, and free from insects of all kinds. The same may be said of winter rye. A large acreage of clover has been sown this spring in oats and winter wheat; nearly every farmer has sown from one to fifteen bushels. A large area has been sown to oats; condition good. Meadows and pastures are hardly up to the average in condition, owing to the lack of moisture since spring set in. Fruit trees have wintered much better than they have for several years past, and the prospect is good for a fair yield of every variety grown in this latitude. There are fewer hogs and about the usual number of cattle, horses and sheep on hand for May 1. The general condition of live stock is good.

**CHRISTIAN**—Winter wheat is making rapid and vigorous growth since the recent rains, and promises a better yield than an average. The same may be said of winter rye. There is an increase of the area seeded to oats this spring over that of last year. Meadows and pastures are in good condition but are a little backward, owing to the dry, cold weather of the spring. There is about the same number of cattle, horses, hogs and sheep on hand as at this time last season. Less than 15 per cent. of the old corn remains in the hands of the producer. Not more than one-half of the spring plowing has been done. There is a fair prospect for all kinds of fruit except peaches. There will be a few peaches.

**CLARK**—The first three weeks of April were very dry and winter wheat suffered for want of rain. The rains during the past week have greatly improved the condition of the growing crop and nearly an average yield per acre may be expected. The area seeded to oats is larger than that of last season and their general condition is good. The cold, dry weather of the spring has been unfavorable for the rapid growth of grasses, consequently meadows and pastures are backward. The number of cattle, horses, hogs and sheep on hand May 1st is hardly up to that of May 1st, 1886. The condition and health of live stock is fair. About twenty-five per cent. of the corn and wheat crop of last season is in the hands of the producers. Not more than fifty per cent. of the spring plowing has been done. There is a heavy apple bloom and there will be more peaches in this county than for three years past. Other fruits are about the average in condition.

**CLAY**—The recent rains have greatly improved the growing crop of winter wheat, and with favorable conditions until harvest nearly an average yield may be expected. There is very little rye sown in this county



for market. The oats area is increased nearly twenty per cent. over that of last season and its condition is good. Meadows and pastures are doing well since the rains of the past month. The prospect for fruit is very good. There will be more peaches than for any season for years past. There are fewer cattle, mules, hogs and sheep on hand May 1st than at corresponding date last season.

There is a slight increase in the number of horses on hand. Health and condition of live stock good. About twenty-five per cent. of the old corn and wheat crop remains in the hands of the farmers. A large amount of plowing has been done and many farmers are planting corn at this time.

**CLINTON**—The season has been very unfavorable for wheat; the growth has been very slow and the prospect not good for but little over three-fourths of an average yield per acre. The same may be said of rye. Oats have made very good growth and cover an area about the same as that of last season. Meadows and pastures are very backward, but are improving since the recent rain. There is about twenty per cent. of the old corn crop in the hands of the farmers. Nearly all the spring plowing has been done. The fruit prospect is encouraging. There is but little change in the number of cattle, horses and sheep; health and condition good.

**COLES**—Winter wheat looks well and should the conditions remain favorable an average crop may be expected. The same may be said of winter rye. The oats area is slightly increased over that of last year, but the condition is not up to an average for May 1. Meadows and pastures have seldom been as backward as this season. Fruit trees of all kinds are full of bloom; little or none of it hurt by the late frosts. About twenty-five per cent. of the old corn and wheat remains in the hands of the producers. The soil is in excellent condition and many farmers have finished their spring plowing and are planting corn. There is the usual number of cattle, horses and sheep on hand. Condition of live stock good.

**COOK**—About twenty-five per cent. of the area seeded to winter wheat was winter-killed, and the growing crop is in very poor condition. The same may be said of winter rye. The usual area has been seeded to spring wheat, oats and barley; the condition of the growing crop is about an average for May 1st. Meadows and pastures are full two weeks later than last season at this date, owing to the cold, dry spring. There is about the same number of horses, cattle and sheep on hand as usual at this date. Live stock of all kinds look well. But little over ten per cent. of last season's corn crop remains in the hands of the farmers. The prospect for fruit is better than for several years past; no damage has been done by late frosts. A large amount of spring plowing has been done.

**CRAWFORD COUNTY**—The condition of winter wheat is below the average, owing to the drouth. The growing crop stood the winter much better than usual, little or none of it having been winter-killed. The limited area of winter rye sown in this county last fall is in about the same condition as wheat. No spring wheat is grown in this county. The area seeded to oats is much larger than that of last year and the condition is good. Meadows and pastures are in fair condition.

The fruit prospect is good for every variety excepting peaches. There will be a few peaches. The number of cattle, horses, hogs and sheep on hand May 1st, is less than that of corresponding date last season. The general condition of live stock is good. About one-fourth of the old corn and wheat remain in the hands of the producers. The soil is in fine condition, and about three-fourths of the spring plowing is done.

**CUMBERLAND COUNTY**—Winter wheat has seldom been in better condition on the first of May than this season, and the prospect is good for a large yield per acre. The same may be said of winter rye. The area seeded to spring wheat is not as large as that of last season and its condition is above an average. The oats area is slightly increased over that of last year and its condition about an average. About one-fourth of the old corn and wheat remains in the hands of the farmer. Meadows and pastures are not up to the average condition for May 1st. There is about the same number of cattle, horses and sheep as at a corresponding date last season. Fruit prospects are more encouraging than for years past. About one-half of the spring plowing has been done.

**DEKALB**—The area seeded to winter wheat in this county last fall was very limited, and but little of it winter-killed. The prospect is good for an average yield per acre. Winter rye is in even better condition than wheat and promises a larger average yield per acre. There is an increase in the area seeded to spring wheat, oats and barley, as compared to that of last season. Meadows and pastures are in fine condition. About 25 per cent. of the old corn and wheat crop remains in the hands of the farmers. The soil works dry and mellow, and much of the spring plowing is done. There is an increase in the number of stock cattle on hand, and about the usual number of horses, sheep and hogs for May 1. Condition of live stock is good. It is full early to give any estimate of the fruit prospects.

**DEWITT**—Wheat came through the winter in much better condition than usual, but little of it having been winter-killed. The prospect is good for nearly an average yield per acre. The same may be said of winter rye. The area devoted to spring wheat is larger than that of last season, and the growing crop is looking well. Oats have been injured somewhat by the drouth, and cover an area equal to that of last spring. Meadows and pastures are backward. There is the usual amount of live stock on hand; health and condition good. Less than twenty-five per cent. of the old corn remains in the hands of the farmers. Considerable plowing and planting has been done.

**DOUGLAS**—The condition of winter wheat has greatly improved in the last thirty days and the prospect is good for a better than average yield. The same may be said of winter rye. The oats area has been increased about ten per cent. over that of last season and the condition is good. Meadows and pastures wintered well but are short from a lack of moisture. The late rains have improved their condition. There will be an abundance of apples, cherries and grapes, but few peaches. There is the usual number of live stock of all kinds on hand; health and condition good. The soil is in good condition and more than one-half of



the spring plowing has been done. About twenty-five per cent. of the old corn and ten per cent. of the wheat crop of 1886 remains in the hands of the farmers.

**DUPAGE**—The limited area seeded to winter wheat last fall is in much better condition than for several seasons past at this date, and a full average yield per acre may be expected. Winter rye is not up to the average in condition for May 1, but is rapidly improving since the recent rains. The usual area of spring wheat, oats and barley has been seeded and the growing crops are doing well. It has been too dry for grasses to make rapid growth, hence meadows and pastures are a little backward. Less than 15 per cent. of the old corn crop remains in the hands of the farmers. The soil is in splendid working condition, and nearly all of the spring plowing has been done. The usual number of cattle, horses and sheep is on hand, and their general condition is good. There is a fair prospect for every variety of fruit grown in this latitude.

**EDGAR**—There was very little wheat winter-killed, the growing crop was injured by the drouth during March and April. The prospect is good for nearly an average yield per acre. The condition of winter rye is good; very little rye grown in this county. There is a slight increase in the oats area, but the condition is not up to the average for May 1. Meadows and pastures have suffered for the want of rain and have not made the usual growth for this date. There is a slight decrease in the number of cattle, horses, sheep and hogs as compared with the corresponding date last season. There is a large amount of blossom of all kinds of fruit except peaches; the prospect for a large yield is better than for years past. A little over half the spring plowing has been done. Less than twenty-five per cent. of the old corn and wheat crop remains in the hands of the producer.

**EDWARDS**—Winter Wheat, owing to the drouth during the fall the plant was very weak when the winter set in. The early seeding was damaged by the Hessian fly and chinch-bug. More than one-third of the area was winter-killed, and the prospect is not good for more than three-fourths of an average yield per acre. No winter rye raised in this county. The area seeded to oats is one-fifth larger than that of last season: condition good. Meadows and pastures have been more or less affected by the cold, unfavorable spring, and are not up to the average in condition. The prospect for a good crop of all kinds of fruit grown in this section is encouraging. There is less than 15 per cent. of the old corn and wheat crop on hand. The number of live stock on hand May 1 is about the same as at corresponding date last season; health and condition fair. About three-fourths of the spring plowing has been done and some farmers are planting corn.

**EFFINGHAM**—Winter wheat never looked better at this season of the year than at present, little or none of it having been winter-killed, and should the conditions remain favorable until harvest a larger yield than an average may be expected. The same may be said of winter rye. The area seeded to oats is fully twenty-five per cent. larger than that of the previous season, and the general condition is better than an average. Meadows and pastures are about the average

in condition for May 1st, the recent warm rains having given them a fresh start. About twenty-five per cent. of the old corn crop and fifteen per cent. of the old wheat crop remains in the hands of the farmers. There is an increase in the number of beef cattle, dairy cows and horses on hand May 1st, when compared with the corresponding date last season. There are fewer hogs and sheep. Live stock are in good condition and health. The prospect is encouraging for apples and cherries, also for the smaller fruits. There are but few peach trees in this county. The bloom has been unusually heavy. The soil is in fine condition and about one-half of the spring plowing has been done.

**FAYETTE**—Winter wheat has come through the winter in good condition, and is growing finely. The weather has been very favorable for the past three weeks. No sign of damage yet by bug or fly. The prospect is good for about an average yield per acre. Rye looks well and the area seeded is very limited. Meadows and pastures have made good growth; a large area of clover and timothy has been seeded this spring. The oats area is much larger than that of last season, and its condition is better than an average on May 1st. But little of the old corn and wheat crop remains in the hands of the farmers. The number of cattle, dairy cows, horses, mules and sheep show a slight increase over that of May 1st, 1886. There is some complaint of cholera among hogs; other live stock are in good condition. Not more than half of the spring plowing has been done.

**FORD**—Winter wheat has suffered from the drouth and the thawing and freezing weather of the past month. The prospect is not good for more than three-fourths of an average yield per acre. Rye stood the winter and drouth much better than wheat and promises nearly an average yield per acre. The area seeded to spring wheat is not more than fifty per cent. of that of last season; condition not good. There is a slight increase in the oats area, and the growing crop looks well. Meadows and pastures are very backward, the weather for the past two months having been unfavorable for the growth of grass. There is a large amount of apple and cherry bloom and the prospect for small fruits of all kinds was never better. About twenty-five per cent. of the old corn and wheat crop remains in the hands of the producer. There is a decrease in the number of cattle, horses, sheep and hogs compared to that of a corresponding date last year. More than three-fourths of the spring plowing has been done.

**FRANKLIN**—Wheat came through the winter looking well but the dry weather and late freezes have injured it some. The prospect is not encouraging for an average yield per acre. The same may be said of winter rye. The oats area has been increased about twenty-five per cent. over that of last season. Meadows and pastures are rather backward on account of the drouth last fall and the continued dry weather this spring. About fifteen per cent. of the old corn and wheat crop remains in the hands of the farmers. There is a fine prospect for apples and peaches. Plums have been winter-killed. There is a slight decrease in the number of live stock on hand; condition and health good.

**FULTON**—The condition of winter wheat was never better at this season of the year



and under the influence of the warm rains of the past few days, the growing crop is improving. About the usual area of spring wheat has been seeded and the condition is good. Oats have made fine growth during the past month, and cover an area about ten per cent. larger than that of last season. Meadows and pastures suffered during the early part of the month for rain. But at this time they are growing rapidly and are nearly up to an average in condition. About twenty-five per cent. of the old corn and wheat remains in the hands of the producers. There is a general decrease in the number of cattle, horses and hogs on hand May 1st, when compared with a corresponding date last spring. Live stock is in fair condition. The fruit prospect is not as good as last season. There will be about two-thirds of the usual yield of apples, pears, plums and strawberries. But little of the spring plowing remains to be done.

**GALLATIN**—Wheat has made unprecedented growth since the rain of April 17, and its condition is improving daily. Nearly an average yield per acre may be expected, should the conditions remain favorable until harvest. Little or no rye grown in this county. There is a slight decrease in the area seeded to oats this season, as compared to last. Meadows and pastures have seldom looked better at this season. There will be a large crop of apples, cherries and plums, and some peaches. The grape crop has been injured by the cold weather. There is the usual number of live stock on hand for May 1, and their condition is good for this season of the year. About 20 per cent. of the old corn crop and less than 10 per cent. of the old wheat remains in the hands of the farmers. About one-half of the spring plowing has been done.

**GREENE**—The condition of winter wheat was never better on the 1st of May than this season. The color is good and the growth vigorous and strong. In many fields the wheat is too rank, and the prospect is good for even more than an average yield per acre. Winter rye is in good condition, but the area is small. The oats area is somewhat larger than last season, and its condition is about an average for May 1. Meadows and pastures are hardly up to an average, owing to the dry weather of the spring. There is a fair prospect for apples and pears, but very few peaches. Blackberries and raspberries have been injured by the cold winter and spring. There is about one-third of the old corn crop and fifteen per cent. of the old wheat in the hands of the farmers. The soil is in fair working condition and about three-fourths of the spring plowing has been done. There is an increase in the number of stock cattle and about the usual number of horses, mules, hogs and sheep on hand as at the corresponding date last season.

**GRUNDY**—There is a very limited area of winter wheat in this county, and its condition is below an average for May 1. Winter rye is in about the same general condition as wheat, and does not promise an average yield per acre. There is an increase of more than ten per cent. in the area of spring wheat and oats. The condition of the growing crops is below an average for May 1. The cold and dry weather has retarded the growth of grasses, hence pastures and meadows are backward. About one-third of the old corn crop remains in the hands of the farmers. There are about the usual number of cattle,

horses and mules on hand for May 1, but a less number of hogs and sheep. The general condition of live stock is good. The prospect is encouraging for every variety of fruit grown in this latitude. Nearly all of the spring plowing is done.

**HAMILTON COUNTY**—The growing crop of winter wheat is generally thin on the ground and very backward, owing to the cold dry weather of the early spring. About forty per cent of the area seeded last fall was winter-killed and the prospect at this time is not encouraging for more than three-fourths of an average yield per acre, should the conditions remain favorable until harvest. Winter rye is in much better condition than wheat and about an average yield per acre may be expected. The area seeded to oats is fully fifty per cent larger than that of last season; condition good. The condition of meadows and pastures is very good. The fruit prospect is very encouraging. There will be an abundant apple and peach crop. There is the usual number of cattle, horses and sheep on hand, but fewer hogs. The general condition of live stock is good. About one-fifth of the old corn and wheat crop remains in the hands of the farmer. The soil is in fine condition and about four-fifths of the spring plowing has been done.

**HANCOCK**—Wheat came through the winter in good condition, and promises more than an average yield per acre. Winter rye looks well. The area seeded to oats is larger than that of last season, and its condition is good. There has not been sufficient rain since spring set in to give the meadows and pastures a good start. The prospects are good for a large crop of cherries and plums, and all the small fruits. There is rather a light apple bloom. The soil plows mellow and loose, and but little of it remains yet to be broken. There is the usual number of live stock on hand for May 1; condition and health good. About twenty per cent. of the old corn and wheat remains in the hands of the farmers.

**HARDIN**—Wheat promises a full average yield per acre; little or none of it winter-killed. The usual area has been seeded to oats and its condition is better than an average. Meadows and pastures are in fine condition. The fruit prospect is good for every variety grown in this latitude. There is but little old corn and wheat remaining in the hands of the farmer. The spring has been favorable for farm work and many farmers are through planting corn. There is an increase in the number of cattle on hand. The number of horses and sheep remain about the same as last season on May 1.

**HENDERSON**—The cold dry weather of the spring has damaged the wheat prospect to some extent; and with favorable conditions until harvest not more than three-fourths of an average yield can be expected. Rye is in much better condition than wheat and promises nearly an average yield per acre. There is a slight increase in the area seeded to spring wheat and oats; condition nearly up to an average for May 1. Meadows and pastures are very backward. The soil is very dry and there has not been rain enough to give the grass a start. About one-third of the old corn and wheat remains in the hands of the farmers. The season has been favorable to out-door work and farmers have nearly all their spring plowing done. The



fruit prospect is good for apples, cherries and plums. There is a decrease in the number of live stock on hand; condition and health fair.

**HENRY COUNTY**—There is a very limited area of winter wheat grown in this county. Its condition is nearly up to an average. Winter rye is looking well and gives encouragement for a full average yield per acre. The area seeded to spring wheat is twenty-five per cent. larger than that of last season and its condition is about up to an average. Oats and barley are very backward, owing to the dry weather of the spring. The area covered is about the same as last season. The condition of meadows and pastures is below the average for May 1st. The number of cattle, horses and sheep on hand is about the same as last season; the number of hogs about three-fourths as large. The general condition of live stock is good. About twenty per cent of the old corn remains in the hands of the producers. The wages of farm hands are about the same as last season. But little of the spring plowing remains to be done. It is feared that the late freezes have damaged the fruit prospect.

**IROQUOIS**—Wheat came through the winter in very good condition, but was injured somewhat by the dry, cold weather of early spring. The prospect is good for about four-fifths of an average yield per acre. The same may be said of rye. The area devoted to spring wheat and oats is larger this season than last; condition about an average for May 1. The cold weather has retarded the growth of grass, consequently meadows and pastures are not up to their usual condition for this season of the year. About 20 per cent. of the old wheat and corn crop remains in the hands of the farmers. It is full early to determine the fruit prospects of this county. The spring has been very cold and dry, and there is but little evidence of bloom at this time. There is a decrease in the number of cattle, hogs and sheep as compared with the corresponding date last season, but an increase in the number of horses, mules and dairy cows. The general condition of live stock is good. About three-fourths of the spring plowing has been done; many farmers are planting corn.

**JACKSON**—There has been great improvement in the growing crop of wheat and rye since the 1st of April. The prospect is good for better than an average yield per acre. The oat area has been increased about twenty per cent. The condition is good. Meadows are a little "spotted" in consequence of the drouth last summer. Pastures are making good growth since the recent rain. About twenty per cent. of the old wheat and corn remains in the hands of the producers. The fruit prospect was never more encouraging than this season. There will be an abundance of peaches. There is about the same number of live stock on hands as last season at a corresponding date.

**JASPER**—The prospect for winter wheat is encouraging for nearly an average yield per acre. There is some complaint of chinch-bug working the wheat. The same may be said of winter rye. The oats area is increased about fifteen per cent. The condition is good. The condition of meadows and pastures is poor. Old meadows were killed out in spots by the drouth last summer. About fifteen per cent. of the old corn and wheat re-

mains in the hands of the farmers. There is a reduction of ten per cent. in the number of all kinds of live stock; condition and health good. There is a fine prospect for apples and peaches, and all the small fruits.

**JEFFERSON**—The prospect for an average yield per acre of winter wheat is very discouraging. Much of the wheat is winter-killed, and there is considerable complaint of fly and chinch-bug in the wheat at this time. Very little winter rye grown in this county. The oats area is increased fully 33½ per cent. over that of last season; condition good. Meadows and pastures backward, owing to the unfavorable season for the growth of grasses. About 10 per cent. of the old corn and wheat crop remains in the hands of the farmers. But little over half of the spring plowing has been done. Some corn has been planted. The number of all kinds of live stock remains about the same as last season at corresponding date; condition and health good.

**JERSEY**—The condition of winter wheat has seldom been better on May 1 than this season. The plant has good color, is strong and vigorous, and the prospect is encouraging for more than an average yield per acre. There is little or no winter rye grown in this county. Meadows and pastures are somewhat backward, owing to the continued dry weather during the early spring. The recent warm weather and rains is giving grass a good start. There is a slight decrease in the area seeded to oats, and the condition is only fair. About twenty per cent. of the old corn and wheat remain in the hands of the farmer. There is a fair prospect for an average crop of apples, cherries, plums and pears. There will be a few peaches. The number of live-stock remains about the same as last season at this date, and with the exception of cholera among hogs, the health and condition is good. The soil is in splendid working order and about two-thirds of the spring plowing has been done and many farmers are planting.

**JODAVIESS**—Winter wheat promises about four-fifths of an average yield per acre. The area seeded in this county last fall was very small. Winter rye promises a better yield per acre than an average. Spring wheat, oats and barley have about the same area as last season and the condition is good. Meadows and pastures are backward on account of the dry, cold weather during March and April. Less than fifteen per cent. of the old corn crop remains in the hands of the farmers. It is too early to determine the fruit prospects. There is about the same number of horses, cattle, hogs and sheep on hand as at a corresponding date last year. Farm animals are thin in condition, but are free from disease.

**JOHNSON**—The early sown wheat is looking very well, and will make an average yield per acre should the conditions remain favorable till harvest. The late seeding was badly winter-killed and much of it will not be harvested. Very little rye sown in this county for market. Meadows and pastures are not up to the usual condition for this date, owing to the continued dry weather during March and the early part of April. The area seeded to oats is somewhat larger than that of the previous season, and the growing crop has suffered for the want of rain. The soil has been unusually dry during



the spring, and farmers are well advanced with their work. There is about the usual number of cattle, horses and sheep on hands and their condition is good. There is a fine prospect for apples, peaches, pears and plums, and all small fruits. About twenty per cent. of the old corn and wheat crop remains in the hands of the producers.

**KANE**—The drouth has effected the growing wheat very seriously; there has not been one inch of rain since the last of February, consequently wheat has made very little growth. Rye came through the winter in good condition but there has not been rain enough to give it the usual growth for May 1. About the same area has been seeded to spring wheat, oats and barley, as last season. And their condition is about the average for May 1. Meadows and pastures are short and do not look well, having suffered from want of rain during the past month. Cattle and horses are looking well and the number is about the same as May 1, 1886. There are fewer hogs and sheep on hand May 1 than usual; condition good. About one-fourth of the old crop of corn and wheat remains in the hands of the farmers. There will be very little fruit of any description. The soil is in excellent condition for plowing and planting. And over three-fourths of the spring plowing has been done.

**KANKAKEE**—The drouth last fall and the continued dry thawing and freezing weather of the spring has injured the growing wheat crop. The prospect is not good for an average yield per acre. The same may be said of winter rye. The area seeded to spring wheat and oats is about ten per cent. larger than that of the previous season. The condition is about the average for May 1. Meadows and pastures are not looking well owing to the want of rain since spring set in. About forty per cent. of the old corn and wheat crop remains in the hands of the producer. There is a slight decrease in the number of cattle, horses, hogs and sheep in the hands of the farmer on May 1., when compared with the corresponding date last season. The general condition of live stock is good. The prospect is good for an average crop of small fruit. Apple trees are full of bloom and promise an average crop. The spring has been very favorable for out-door work, and the soil has been in excellent condition for all the early crops. Over three-fourths of the spring plowing has been done.

**KENDALL**—The condition of winter wheat is not so favorable on account of the extreme dry weather. The prospect, with favorable conditions until harvest, is not good for more than three-fourths of an average yield per acre. Winter rye is in about an average condition for May 1. The area seeded to spring wheat is twenty-five per cent. larger than that of last season; condition good. Oats do not look as well as usual for May 1; they cover an area equal to that of last season. About one-third of the old corn and wheat crop remains in the hands of the farmers. It has been too dry and cool for the rapid growth of grasses, consequently meadows and pastures are backward. The prospect is fair for all kinds of fruit grown in this latitude. The apple crop promises to be unusually large. There is about the same number of cattle, horses, hogs and sheep on hand as at a corresponding date last year. Live stock of all kinds is in fine condition and health. The soil was never in better condition for plowing.

**KNOX**—The prospect for wheat gives encouragement for nearly an average yield per acre. About one-fourth of the area seeded last fall was winter-killed. Rye stood the winter much better than wheat. The area seeded to spring wheat and oats is about the same as that of last season and its condition is up to the average for May 1. The cold, dry weather of March and the first of April greatly retarded the growth of grasses. Meadows and pastures are backward. About fifteen per cent. of the old corn and wheat remains in the hands of the producer. There is little or no change in the number of live stock on hand May 1, as compared with corresponding date last season. The general condition of live stock is better than usual at this season of the year. The prospect for small fruit of all kinds is good. Apple trees have been more or less injured by the winter and will produce a short crop.

**LAKE**—But little of the wheat winter-killed. The cold, dry weather of the spring has retarded the growth of wheat, and the prospect is not good for an average yield per acre. Rye is in better condition than wheat and will make nearly an average yield per acre. The area seeded to spring wheat, oats and barley is about the same as that of last season, and the condition is about up to the average of May 1. About twenty-five per cent. of the old corn and wheat is still in the hands of the farmers. Meadows are a little backward owing to the want of rain early in the season, but have greatly improved since the recent showers. It is too early to determine the fruit prospect. There is about the same number of live stock on hand as at the corresponding date last season; condition and health good.

**LASALLE**—The limited area seeded to wheat in this county last fall is very backward owing to the unfavorable season, and with favorable conditions till harvest, not more than four-fifths of an average yield can be expected. Rye is in about the same condition. The usual area of spring wheat and oats have been sown and the growing crops are looking well. Meadows and pastures are below the average condition for May 1; owing to the lack of moisture grass has made but little growth since April 1. About twenty-five per cent. of the old corn and wheat remains in the hands of the farmers. There is about the same number of cattle, horses, mules, hogs and sheep on hand as at a corresponding date last season. It is too early to determine the prospect for fruit. More plowing has been done to date than usual. The soil is in excellent condition.

**LAWRENCE**—The prospect for winter wheat is not encouraging for more than three-fourths of an average yield per acre. Considerable wheat was winter-killed. Wheat on sandy soil is in better condition than that sown on clay. There is an increase in the area seeded to oats and the condition is good. Meadows and pastures have made good growth. There is the usual number of cattle, horses and sheep on hand for May 1, but fewer hogs. The general condition of live stock is good. The prospect is favorable for an abundance of fruit of all kinds. Farm work has been retarded by the late excessive rains. About thirty per cent. of the old corn crop remains in the hands of the producers.

**LEE**—There is very little winter wheat raised in this county; condition fair but suf-



fering for want of rain. About ten per cent. of the wheat was winter-killed. Rye is rather thin on the ground, but with favorable conditions until harvest will make an average yield per acre. Meadows and pastures are backward the season having been unfavorable to the growth of grasses. There is an increase in the area of spring wheat, oats and barley and the growing crops are looking well. The fruit prospect is encouraging, but trees are not yet in bloom. There is an increase in the number of cattle, horses and mules on hand as compared with the number on hand May 1, 1886. There is a decrease in the number of hogs and sheep. The general condition of live stock is good.

**LIVINGSTON COUNTY**—About twenty-five per cent. of the area seeded to winter wheat last fall was winter-killed. The prospect is not encouraging for more than three-fourths of an average yield per acre, should the conditions remain favorable until harvest. Winter rye looks well and is in a fair average condition for May 1st. Spring wheat and oats have made good growth and cover an area equal to that of last season. Meadows and pastures are looking well, but are suffering to some extent at this time for want of rain. The prospect for fruit of all kinds grown in this latitude is good. About forty per cent. of the old corn remains in the hands of the producer. There is no material change in the number of cattle, horses and sheep on hand May 1st, from that of a corresponding date last season. There are fewer hogs. Live stock generally is in fair condition. About three-fourths of the plowing has been done.

**LOGAN**—Winter wheat has seldom been in better condition on the first day of May than this season; and the prospect is encouraging for more than an average yield per acre. There is but little winter rye grown in this county but the crop is in good condition. The usual area of spring wheat and oats has been seeded and the condition is good. The spring has been unfavorable to the rapid growth of grasses, hence meadows and pastures are backward. About one-third of the old corn crop and one-fifth of the wheat crop remains in the hands of the farmers. There is a fine prospect for apples, cherries and pears. Strawberries are in bloom. Nearly all the spring plowing has been done. The condition of live stock has seldom been better at this season of the year, and about the usual number of cattle, horses and sheep remain on hand as at the corresponding date last season.

**MACON**—There is but little improvement in the condition of winter wheat since April 1. The dry, cool weather retarded its growth. The prospect is good for about four-fifths of an average yield per acre. A much larger area has been seeded to spring wheat and oats than that of last season. Since the recent rains the growing crops are doing well. Meadows are in about an average condition for May 1; pastures are a little backward owing to the drouth of last summer and fall. About twenty-five per cent. of the old corn and ten per cent. of the old wheat remains in the hands of the farmers. There is plenty of bloom on all kinds of fruit except peaches; the condition of the soil was never better for plowing and planting. There is about the same number of live stock of all kinds on hand as last season at this date; condition good.

**MACOUPIN**—The dry, cold weather of the past two months has prevented the usual growth of winter wheat. Since the recent rains the growing crop has made great improvement and nearly an average yield may be expected. Winter rye is in about the same condition as wheat. The oats area is about the same as last year but the growing crop is backward. Meadows are nearly up to the average in condition for May 1. Since the recent rains pastures are making fine growth where not over-stocked during the drouth of last summer and fall. The fruit prospect is good for apples, cherries and all the small fruits. There will be but few peaches. About fifteen per cent. of the old corn and wheat crop remains in the hands of the farmers. There is a slight increase in the number of cattle and about the same number of horses, hogs and sheep on hand as at a corresponding date last season. Condition and health of farm animals is good. Not more than one-third of the spring plowing has been done.

**MADISON**—Very little of the growing crop of wheat was winter-killed, but from the cold dry weather it made but little growth during the past two months. The recent rains have greatly improved its condition, and the prospect gives encouragement for nearly an average yield per acre. Winter rye looks well but is generally seeded for pasturage. There is an increase in the area seeded to oats and its condition is good. Grass is small owing to the want of rain, hence pasturage and meadows are backward. There is a fine prospect for apples, pears and cherries. There will be a few peaches. There is a slight decrease in the number of cattle, horses and sheep on hand as compared with that of May 1, 1886. The general condition of live stock is good. The soil is in fine condition for plowing and planting, and a large amount of plowing has been done for this date. About twenty per cent. of the old crop of corn remains in the hands of the farmers.

**MARION**—Winter wheat has made but little growth during the past month; much of it is thin on the ground and the prospect is not good for more than four-fifths of an average yield per acre, with favorable conditions till harvest. The oats area has been increased nearly fifty per cent. over that of last season and its condition is better than usual for May 1. Meadows and pastures are very backward owing to the lack of moisture during the early spring. At this time they are making rapid growth. Less than twenty per cent. of the old corn and wheat crop remains in the hands of the farmers. About two-thirds of the spring plowing has been done and many farmers are planting corn. There is a general decrease in the number of live stock on hand as compared with a corresponding date last season. The prospect for all kinds of fruit was never better than this season.

**MARSHALL**—Winter wheat is not up to the average in condition, and the prospect is not good for more than four-fifths of an average yield per acre. The same may be said of winter rye. There is an increase in the area of oats and barley over that of last season. New meadows are very short, old meadows are in fair condition. Pastures are backward, owing to the want of rain, and but few farmers have turned their stock in on them. About one-third of the old corn and wheat remains in the hands of the farmers. There



<sup>i</sup> is a fair prospect for all kinds of fruit, except peaches. There is a general decrease in the number of live stock on hand as compared with that of corresponding date last year. The soil is in good working condition and nearly all the spring plowing has been done.

MASON—The prospect for winter wheat has never been better at this season of the year, and should the conditions remain favorable a larger yield than an average may be expected. The limited area seeded to rye last fall is in good condition. Spring wheat and oats are doing well and have an area equal to that of last season. The spring has been too dry for the rapid growth of grass, but the recent rains have greatly improved the condition of meadows and pastures. Fruit trees of all kinds grown in this latitude are in full bloom and the prospect is encouraging for unusually large crops. About fifteen per cent. of the old corn and wheat crops are still in the hands of the farmers. The soil is in splendid working condition and about three-fourths of the spring plowing has been done. There is a slight decrease in the number of cattle, horses and sheep on hand and not quite three-fourths of the usual number of hogs for this date. The general condition of farm animals is excellent.

MASSAC—The condition of winter wheat has improved since April first, and the prospect is encouraging for more than an average yield per acre. Very little winter rye is raised in this county. The oats area has been considerably increased over that of last season; condition better than an average for May 1. Meadows and pastures are looking better than usual for this season of the year and the grass is growing rapidly. Less than twenty per cent. of the old corn and wheat remains in the hands of the farmer. About two-thirds of the spring plowing has been done. The soil is in fine condition and many farmers are planting corn. It is thought the late frosts have damaged the fruit prospects, which were very promising up to April 25. There is a slight increase in the number of cattle, horses and hogs on hand compared with May 1886.

MCDONOUGH—There has been a great improvement in the condition of wheat since April 1, and should the conditions remain favorable till harvest a much larger yield per acre than an average may be expected. Little or none of the wheat was winter-killed. Rye is looking well and will make an average yield per acre. There is an increase in the area seeded to spring wheat and oats over that of last season. Meadows and pastures are not quite as forward as last season on May 1, but are in very fair condition. The spring has been favorable for out-door work and a large amount of plowing has been done than usual for this date. The fruit prospect is not very flattering. There is about the same number of all kinds of live stock on hand as last season at the corresponding date; condition and health good. Less than fifteen per cent. of the old corn and wheat remains in the hands of the farmers.

MCHEMRY—Very little winter wheat is raised in this county, farmers relying entirely upon the spring variety for home consumption. Winter rye is looking well and promises an average yield per acre. The area seeded to spring wheat is increased

about ten per cent. over that of last season. Oats and barley cover the usual area. Condition of the growing crops is very promising. Meadows and pastures are backward, owing to the continued drouth last summer and fall and the cool, dry weather of the spring. Less than twenty per cent. of the old corn remains in the hands of the farmers. Soil is in splendid condition and spring work is two weeks in advance of last season at corresponding date. The fruit prospect was never more discouraging than this spring, for every variety grown in this latitude. With the exception of a mild form of cholera among hogs, live stock is in good condition. The number is about the same as last year.

MCLEAN—The condition of winter wheat has seldom been better on the 1st of May than at this time, and the prospect is good for a full average yield per acre should the conditions remain good until harvest, little or none of it having been winter-killed. The same may be said of winter rye. The area seeded to spring wheat is much larger than usual and its condition is good. Oats have suffered some from want of rain and cover an area about as large as that of last year. The spring has not been favorable for the rapid growth of grasses, hence meadows and pastures are backward. The number of cattle, horses, sheep and hogs is about the same as last season at a corresponding date. About twenty-five per cent. of the old corn and wheat crop remains in the hands of the farmers. There will be a fair bloom of apples and cherries. Blackberries and raspberries have been badly damaged by winter-killing. Nearly all the spring plowing has been done.

MENARD—Winter wheat has seldom been in better condition on the first of May than this season; but little of it was winter killed, and the prospect is good for more than an average yield per acre if the conditions remain favorable. The same may be said of winter rye. There is an increase in the area seeded to oats and the growing crop is doing well. About twenty per cent. of the old corn crop remains in the hands of the farmers. Meadows and pastures are backward, owing to the dry, cold weather of the past two months. There is a fair bloom of all kinds of fruit, except peaches. There is the usual number of live stock on hand and their condition is above the average for this season of the year.

MERCER—There is but little change in the general condition of winter wheat since April 1. The season has been too cool and dry for rapid and vigorous growth. The prospect is not good for more than four-fifths of an average yield per acre. Nearly twenty per cent. of the wheat was winter-killed. Winter rye is in about the same condition as wheat, having suffered from the same general causes. A much larger area of spring wheat has been seeded than that of last season and its condition is fair. The oats area is increased and the growing crop is doing well. Meadows and pastures are very backward. About twenty per cent. of the old corn and wheat remains in the hands of the farmers. The season has been favorable for out-door work and farm work is much further advanced than usual. The fruit prospect is very encouraging, the recent frosts having done but little damage. There is a general reduction in the number of live stock as compared with last season; condition and health good.



**MONROE**—The prospect for winter wheat is not good for but little over four-fifths of an average yield per acre. The spring has been very unfavorable for the growth of wheat. Rye is in about the same condition. The oats area has been increased about ten per cent. and its condition is fully up to the average for May 1. Meadows and pastures are a little backward, owing to the cold, dry weather of the early spring. Nearly one-third of the old corn remains in the hands of the producer. There is an increase in the number of cattle and about the same number of horses, hogs and sheep on hand as last season. Condition and health is better than usual for this season of the year. The spring has been favorable for out-door work and nearly all the plowing has been done. The fruit prospect is good. There will be a fair crop of peaches.

**MONTGOMERY COUNTY**—Winter wheat is in much better condition than usual for May 1st, little or none of it having been winter-killed. The prospect is good for better than an average yield per acre. The same may be said of winter rye. The area devoted to spring wheat and oats is increased over that of last season, and the general condition of the growing crops was never better for May 1st. Meadows have made good growth and their general condition is above the average for May 1st. The same may be said of pastures. The number of cattle, horses and mules on hand May 1st, shows a slight increase over that of last season at a corresponding date. There is a decrease in the number of hogs and sheep of twenty-five per cent., when compared with that of last season. The general condition of live stock is better than an average. The prospect is good for all kinds of fruit except peaches. Most of the peach orchards were winter-killed in 1884 and 1885. The few trees left standing are in full bloom. About one-third of the spring plowing has been done.

**MORGAN**—Winter wheat did not make much growth during the past month, because of the cold dry weather. Since the recent rain the plant is growing rapidly and the prospect is good for about an average yield per acre. There is but little rye grown in this county; its condition is about the same as wheat. The oats area is slightly increased over that of last year and the plant is making good growth. The same may be said of barley. Meadows and pastures have not had sufficient rain to put them in average condition. The grass at this time is growing rapidly. There will be a fair yield of all kinds of fruit, except peaches, of which there will be a short crop. Nearly all the spring plowing has been done and is ready for planting. There is the usual number of cattle, horses, hogs and sheep on hand, and they are in better condition than usual for May first. About twenty-five per cent. of the old corn and fifteen per cent. of the old wheat remains in the hands of the farmers.

**MOULTRIE**—The condition of winter wheat is not encouraging for more than four-fifths of an average yield per acre. The cold, dry spring has greatly retarded its growth. More than ten per cent. of the wheat seeded last fall was winter-killed. The area seeded to oats is increased twelve per cent. over that of last season; its condition is below the average for May 1. The recent rains have greatly benefited the meadows and pastures. About fifteen per cent. of the old corn and wheat re-

mains in the hands of the producer. The season has been very favorable for outdoor work, and about three-fourths of the spring plowing has been done. The prospect for apples, pears, plums and cherries is good. There will be a few peaches. There is about the same number of live stock on hand as at this date last season; health and condition good.

**OGLE**—The condition of winter wheat is not as good as last season at this date. The weather has been very unfavorable to its growth. The same may be said of rye. There is an increased area of spring wheat, oats and barley. There will be less corn planted this year than usual. Meadows are looking well but are not so far advanced as last year at this date. Pastures are short and show the effect of the drouth last summer and fall. It is too early to determine the fruit prospect. Live stock of all kinds wintered better than usual. There is about the same number on hand as last season at this date. About twenty per cent. of the old corn and wheat remain in the hands of the farmers. The soil was never in better condition for seeding. Nearly all the spring plowing has been done.

**PEORIA**—The condition of winter wheat is not as encouraging as on April 1; the plant has been at a standstill during the past month, owing to the cool weather and drouth. The usual area has been seeded to spring wheat and oats; the condition of the growing crop is not up to an average for May 1. Meadows and pastures are very backward owing to the drouth. Clover pastures were winter-killed. The prospect for fruit is not encouraging. There will be a few apples and cherries; the early strawberry bloom was killed by the frost. There will be an increased area planted to corn. Nearly all the spring plowing has been done. About twenty-five per cent. of the old corn and wheat remains in the hands of the farmer. There is a reduction in the number of all kinds of live stock. The condition of farm animals is good, with the exception of a mild distemper in some localities, among horses.

**PERRY**—Winter wheat is very backward, owing to the small growth last fall and the cool, dry weather of the spring. The prospect is not good for more than three-fourths of an average yield per acre. Very little rye grown in this county. The oats area is increased about fifteen per cent. and its condition is fully up to the average for May 1. Meadows and pastures are about an average in condition and are making fine growth at this time. There is less than ten per cent. of the old corn and wheat crop in the hands of the farmers. Nearly all of the spring plowing has been done. There is a slight increase in the number of cattle, horses and mules, and about seventy-five per cent. of the number of hogs and sheep on hand May 1, compared with the corresponding date last spring. Condition and health of live stock good. The prospect was never better for a large crop of apples, plums and peaches than this season. The trees are heavily laden with bloom. There will be a large yield of every variety of small fruit.

**PIATT**—The condition of winter wheat is about an average for May 1. The same may be said of winter rye. The usual area of spring wheat has been seeded, and its condition is good. Oats are making rapid growth.



The area covered is about ten cent. larger than that of last season. Meadows and pastures are hardly up to the average growth of May 1, but at this time are doing well. There is about one-third of the old corn and ten per cent. of the old wheat crop in the hands of the producer. Spring work is farther advanced than usual for May 1. Nearly all the spring plowing has been done, and farmers are planting corn. There is a very heavy bloom of all kinds of fruit except peaches. The peach trees were killed in the winter of 1884 and 1885. There is a slight increase in the number of cattle, horses and mules, and about the same number of hogs and sheep on hand as at a corresponding date last season. Condition and health of farm animals is very good.

**PIKE**—The condition of winter wheat has seldom been better on the 1st of May than this season. The prospect is encouraging for more than an average yield per acre. The growth is strong and vigorous and the color good. Rye is looking well and will make an average yield per acre. The oats area has been increased about fifteen per cent. Meadows and pastures are hardly up to the condition of last May, but are doing well. About twenty-five per cent. of the old corn and twelve per cent. of the old wheat remains in the hands of the producer. The spring has been unusually favorable for out-door work, and a large amount of plowing has been done. There is a fair prospect for all kinds of fruit grown in this latitude. There is an increase in the number of live stock on hand; condition and health good.

**POPE**—The dry weather of March and the first half of April greatly retarded the growth of winter wheat, and the prospect is encouraging for but little over four-fifths of an average yield per acre. The same may be said of rye. The oats area has been increased and its condition is fair for May 1. Grass has suffered from the drouth, but since the recent rains is doing well. There is a large bloom of apples, pears and cherries, and every indication of a good crop. Small fruits are in unusually fine condition. About one-third of the old corn and twenty per cent. of the old wheat remains in the hands of the farmers. Nearly all the spring plowing has been done. There is a slight decrease in the number of live stock on hand; health and condition good.

**PULASKI**—The prospect for winter wheat is not good for more than four-fifths of an average yield per acre. Very little winter rye is grown in this county. The oats area has been increased about ten per cent. and the plant is making fair growth. Meadows and pastures are nearly in an average condition. About twenty-five per cent. of the old corn and fifteen per cent. of the old wheat remains in the hands of the producer. The soil is in fine condition and about three-fourths of it has been plowed. Considerable corn planting has been done. The prospect is good for apples, peaches, plums and cherries. Shipments of strawberries will be made about May 5. There is a slight increase in the number of live stock on hand, and their condition is about the same as last season at this date.

**PUTNAM**—There is a good stand of winter wheat but the growing crop is very backward owing to the want of rain. With favor-

able conditions until harvest there will be nearly an average yield per acre. Rye is looking well. The area seeded to spring wheat and oats is about the same as last season and the condition is good. Meadows and pastures have scarcely started, the weather having been too cold and dry for the growth of grasses. About one-fourth of the old corn and wheat remains in the hands of the farmer. The prospect for apples and cherries is not flattering. There will be a large yield of plums and pears; small fruits of all kinds are full of bloom. The soil was never in better condition for spring work and a large amount of plowing has been done. There is a slight decrease in the number of cattle, horses and hogs when compared with that of a corresponding date last season. The condition of live-stock is good.

**RANDOLPH**—There has been great improvement in the condition of winter wheat since April 1, and the prospect is now good for a full average yield per acre. The same may be said of winter rye. Oats area has been increased about twenty-five per cent. and the growing crop is doing well. Meadows and pastures are backward, owing to the want of moisture in the early spring. Since the recent rain there is great improvement in the condition of grass. Fruit prospects are good for apples, peaches, pears and cherries. The strawberry crop was damaged some by the recent frosts. There is a slight increase in the number of live stock on hand; condition and health good. There is about ten per cent. of the old corn and wheat crop in the hands of the producer. The spring has been favorable for out-door work and more plowing has been done to date than usual.

**RICHLAND**—Wheat has been doing very well since the recent rains, but is not in as good general condition as on April 1, and the prospect is not encouraging for more than three-fourths of an average yield per acre. Rye is in better condition than wheat, but the area seeded is very small. The oats area has been increased nearly fifteen per cent. over that of last season; condition good. Meadows and pastures are backward, but there is great improvement in their condition since the recent rains. About ten per cent. of the old corn and wheat crop remains in the hands of the producer. The prospect for a fruit crop is more encouraging than for a number of years past. The recent frosts did but little damage. The season has been favorable and a large portion of the spring plowing has been done. There is a reduction in the live stock on hand; their condition is good.

**ROCK ISLAND**—Winter wheat has been injured by the continued drouth during the past two months, and with favorable conditions until harvest, not more than three-fourths of an average yield per acre can be expected. Rye has stood the winter much better than wheat, but is growing slowly on account of the extreme dry weather. The area of spring wheat, oats and barley is larger than that of last season. The condition is about an average for May 1. Meadows and pastures have not made the usual growth for this date, owing to the unfavorable weather. About fifteen per cent. of the old crop of corn and wheat remains in the hands of the farmers. The number of cattle and horses has decreased when compared with the number on hand last spring. The number of hogs on hand is about two-



thirds as large as on May 1, 1886. The condition of live stock is fair. The prospect is good for all kinds of fruit grown in this latitude. About four-fifths of the spring plowing has been done.

**SALINE**—Winter wheat promises about four-fifths of an average yield per acre, with favorable conditions until harvest. The plant is of good color and at this time is growing rapidly. Little or no rye grown in this county. The oats area has been increased over that of last season; condition good. Meadows and pastures are in good condition, the grass since the recent rains growing rapidly. The fruit prospect is better than for many years past. Apples, peaches and grapes are full of bloom; strawberries are somewhat damaged by the late frost. The soil is in fine working condition and about three-fourths of the spring plowing has been done. There is a decrease in the number of live stock on hand compared with the number on hand last season. The health of live stock is good, but they are generally thin in condition. About ten per cent. of the old corn and wheat remains in the hands of the farmers.

**SANGAMON**—Winter wheat is making rapid vigorous growth; little or none of it having been winter-killed. The drilled wheat looks much better than that broadcasted. Should the conditions remain favorable until harvest, the yield per acre will be better than an average. There was less rye sown than usual; the growing crop looks well and promises a full average yield per acre. A much larger area of oats has been seeded than that of last season. The condition of the growing crop is about an average for May 1. Owing to the dry, cool weather grass has not made the usual growth, hence meadows and pastures are a little backward. Timothy meadows show the effect of the drouth of last summer and fall. There will be an abundance of early apples, plums and cherries. The trees are full of bloom at this time. There will be a few peaches. Small fruits are backward, but promise a large yield. The recent frosts seem not to have done any injury. About ten per cent. of the old corn and wheat crops remains in the hands of the producer. The soil was never in better working condition, many farmers have finished their spring plowing and are ready to commence planting. There is an increase in the number of cattle and horses and about the same number of hogs, mules and sheep on hand as last season at a corresponding date.

**SCHUYLER**—Winter wheat was never in better condition; recent rains have brought out the late wheat and the prospect is encouraging for more than an average yield per acre. Rye is in about the same condition as wheat. The oats area has been increased and the plant is making rapid growth. Meadows and pastures are a little backward on account of the dry cold weather but have made great improvement during the past ten days. About one-third of the old corn and wheat crop remains in the hands of the farmers. Apples, cherries and pears promise a large yield, but plums have been damaged by late frosts. The soil is a little dry, but is in fine plowing and planting condition. Nearly all the spring plowing has been done. There is a decrease in the number of cattle, hogs and sheep on hand as compared with that of last season at a corresponding date. The number of horses remains about the same. The condition of live stock is good,

**SCOTT**—The recent rains have greatly improved the condition of the growing crop of winter wheat, and the prospect for more than an average yield per acre was never better at this season of the year. There is but little winter rye grown in this county and its condition is about an average for May 1. The oats area is not so large as last season but the growing crop is in good condition. Meadows and pastures are in a fair average condition for May 1. About twenty per cent. of the old corn and wheat crop remains in the hands of the producer. The prospect is encouraging for a large yield of apples, plums and cherries. Raspberries and blackberries have been injured by winter-killing. The soil is in excellent condition and works well. About three-fourths of the spring plowing has been done. There is about the same number of horses, but fewer cattle, hogs and sheep on hand May 1, than at the corresponding date last season. Their condition and health is good.

**SHELBY**—The condition of winter wheat has seldom been better on the first of May than this season. The color is good and the plant is strong and vigorous. The prospect is good for more than an average yield per acre. The same may be said of winter rye. The oats area is about the same as last season and the growing crop looks well. Meadows and pastures are doing well since the late rains. The spring has been favorable to outdoor work, and about three-fourths of the plowing has been done. About twenty per cent. of the corn and ten per cent. of the old wheat remains in the hands of the producer. There is a very heavy bloom of apples, cherries and plums, and all the small fruits. The number of live stock remains about the same as last season at a corresponding date. With the exception of cholera among hogs, health and condition good.

**STARK**—About twenty-five per cent. of the winter wheat seeded last fall has been winter-killed. The prospect is not encouraging for more than four-fifths of an average yield per acre. Rye stood the winter much better than wheat; the continued drouth this spring has more or less affected winter wheat, rye and all kinds of small grains. There is a slight increase in the area seeded to spring wheat and oats. Meadows and pastures are very backward. There has not been sufficient rain to give the grass a good start. About twenty-five per cent. of the old corn remains in the hands of the farmers. The soil is in good condition and nearly all the spring plowing has been done. There is the usual number of live stock on hands for May 1. Condition and health good. Corn planting commenced April 28. There is a fair prospect for apples, cherries and plums.

**ST. CLAIR**—Winter wheat has improved since the first of April, and with favorable conditions until harvest a full average yield may be expected. The same may be said as to winter rye. There is an increase of nearly ten per cent. in the area seeded to oats, and it is doing well. Meadows and pastures are in fine condition. Less than ten per cent. of the old corn and wheat crop remains in the hands of the producers. The spring has been favorable to outdoor work; nearly all the plowing has been done and many farmers are planting corn. There will be an average crop of apples and pears, and more peaches than any season for several years past. There will be an abundance of small fruits. There is an increase in the number of cattle,



dairy cows, horses and mules, but a decrease in the number of hogs and sheep compared to that of the corresponding date last season.

**STEPHENSON**—The prospect for winter wheat is encouraging for nearly an average yield per acre. The growing crop suffered for want of rain during the month of March and first half of April. The same may be said of rye. The usual area of spring wheat, oats and barley has been seeded, and the condition is about an average for May 1. Meadows and pastures are a little backward owing to the want of rain and the cold weather during the past month. There is about the usual number of cattle, horses and sheep in the hands of the farmer May 1st. Condition and health good. The prospect is good for every variety of fruit raised in this latitude. About twenty-five per cent. of the old corn crop remains in the hands of the producers. Nearly all of the spring plowing has been done and many farmers are planting corn.

**TAZEWELL**—The weather during March and April has been too dry for the rapid growth of wheat, but with favorable conditions till harvest an average yield per acre may be expected. Meadows and pastures are backward, but at this time are making rapid growth. There is the usual area seeded to spring wheat and oats; condition nearly an average for May 1. More plowing has been done to date than usual. About one-third of the old corn and wheat remains in the hands of the producer. Cattle have been sold off more closely than usual, but there is about the same number of horses, mules and sheep on hand as May 1, 1886; condition and health good. The prospect is good for all kinds of fruit.

**UNION**—Winter wheat is in very fair condition, and with favorable weather till harvest nearly an average yield may be expected. The area seeded to oats is somewhat larger than that of last season and its condition is good. The growth of grass has been retarded by the cold, dry weather of spring, hence meadows and pastures are not up to average for May 1. The soil plows nicely and pulverizes well. About three-fourths of the spring plowing has been done, and many farmers are seeding to corn. About one-third of the old corn and one fifth of the old wheat crop remains in the hands of the producer. The prospect for all kinds of fruit is better than for several years past. There is a slight decrease in the number of cattle but about the same number of horses, hogs and sheep on hand as May 1, 1886; condition and health good.

**VERMILION**—There has been an improvement in the growing wheat since the first of April and the prospect is now good for an average yield per acre. But little of the wheat winter-killed. The same may be said of winter rye. There is a slight increase in the area seeded to oats over that of last season and the growing crop is doing well. The spring has been too cold and dry for the rapid growth of grasses but since the recent rains the meadows and pastures are much improved in condition. About twenty per cent. of the old corn and ten per cent. of the old wheat crop remains in the hands of the producer. The soil is in good farming condition and about two-thirds of the spring plowing has been done. There is little or no change in the number of live stock on hand as com-

pared with corresponding date last season. Condition and health good. There is a fair prospect for all kinds of fruit except peaches.

**WABASH**—Winter wheat on timber land is in good condition, whilst that on the prairie does not look so well. The plant since the recent rains has made great improvement and the prospect is good for four-fifths of an average yield per acre. The oats area has been increased owing to the favorable season for seeding; condition about an average for May 1. Meadows and pastures have not made the usual growth for this date, owing to the cold, dry weather of the early spring, but at this time are growing rapidly. There will be a good crop of apples and small fruits. Peaches, cherries, plums and pears have been damaged by the late frosts. The early bloom on grape vines has been killed. About ten per cent. of the old corn and wheat remains in the hands of the farmers. Live stock is a little thin in flesh, but free from disease. The number on hand is about the same as at corresponding date last season. There has been too much rain during the latter part of April for out-door work. Not more than one-third of the spring plowing has been done.

**WARREN**—Winter wheat came through the winter in fine condition but the dry weather and high winds the past two months have damaged it somewhat. Since the recent rains the plant is improving and nearly an average yield per acre may be expected. Rye is in about the same general condition as wheat. Spring wheat and oats are doing well and cover an area equal to that of last season. At this time meadows and pastures are making rapid growth but are a little short on account of the cold, dry weather of the early spring. The fruit prospect is good for every variety grown in this latitude. It is not thought that the recent frosts have done much damage. The soil is in splendid condition for spring work and farmers have nearly all their plowing done. There is about the same number of cattle, horses, hogs and sheep on hand as last season at this date; condition and health good.

**WASHINGTON**—The condition of the growing wheat crop has greatly improved during the past month, and the prospect is encouraging for four-fifths of an average crop or better. Rye is in better condition than wheat and promises nearly an average yield per acre. The oats area is twenty-five per cent. greater than last season and the condition is about the average for May 1. Meadows and pastures are doing well at this time, but are backward, owing to the cold, dry weather of the early spring. The season has been favorable for farm work. Most of the corn has been planted and much of it that was up, was injured by the recent frosts. About ten per cent. of the old corn crop and fifteen per cent. of the wheat crop remains in the hands of the producer. The fruit crop will be about an average for apples, pears and cherries, but small fruits were injured by the recent frosts. There is a decrease in the number of the cattle, horses and hogs as compared with a corresponding date last season; condition and health good.

**WAYNE**—About one-third of the area seeded to winter wheat last fall has been winter-killed and the cold winds and continued dry weather of the past six weeks have reduced the prospect to about fifty per cent.



of an average yield per acre. The recent rains have revived the plant somewhat. Rye is in a little better condition than wheat and will make about two-thirds of an average yield per acre. The same general causes that have affected wheat and rye, have retarded the growth of grasses and reduced the condition of meadows and pastures. There is an increase of thirty-three and a third per cent. in the area seeded to oats and the condition is good. But little of the old corn and wheat remains in the hands of the farmers, not more than enough for home consumption. The prospect is good for apples and peaches. Plums, cherries and small fruits do not promise a full crop. It is too wet for plowing at this time. Not more than one-half of the corn ground has been broken. There is about the same number of cattle, horses and sheep on hand as last year; condition thin, health good.

**WHITE COUNTY**—Winter wheat is in very poor condition, having been injured by the drouth during the fall and the cold, unfavorable weather during March. The prospect is not good for more than two-thirds of an average yield per acre. The same may be said of winter rye. The area devoted to oats is increased over that of last season and the condition of the growing crop is fully up to the average. Meadows and pastures are short, having suffered from want of rain. There is a general decrease in the number of cattle, hogs and sheep on hand May 1st, and about the usual number of horses, as compared with the corresponding date last season. The condition and health of farm animals is good. There is a fine prospect for all kinds of fruit. The late frosts did not do much damage. About fifteen per cent. of the old corn and wheat remains in the hands of the producer. The condition of the soil is loose and mellow. Most of the plowing has been done and more corn planted than usual for May 1st.

**WHITESIDE**—There is but little winter wheat grown in this county. The condition of the growing crop has not improved since the first of April, and at this time does not promise more than four-fifths of average crop per acre. Rye is looking well and promises nearly an average yield per acre. There is an increase of ten per cent. in the area seeded to spring wheat and an increase of twenty-five per cent. in the area seeded to oats. The condition is not up to the average for May 1. Meadows and pastures need rain at this time as they are beginning to show the effects of the continued drouth. The fruit prospect is anything but encouraging. During the last five years nearly all the trees have winter-killed. The weather has been favorable for outdoor work and nearly all the spring plowing has been done. There is an increase in the number of cattle, and about the same number of horses, hogs and sheep as at a corresponding date last season. Live stock came through the winter in better condition than usual and are in good health. About one-third of the old corn crop remains in the hands of the producer.

**WILL**—The area sowed to winter wheat in this county is very limited; its condition is fair and the prospect is for nearly an average yield per acre. The same may be said of winter rye. The usual area has been seeded to spring wheat, oats and barley, and the con-

dition of the growing crops is about an average for May 1. There has not been sufficient rain to give meadows and pastures a good start. About thirty per cent. of the old corn crop remains in the hands of the farmers. The soil is in splendid working condition. The farmers have most of their spring plowing done and are ready for corn planting. It is full early to determine the fruit prospect. Farm animals were never in better condition at this season of the year, and there is about the same number on hand as last season at a corresponding date.

**WILLIAMSON**—About twenty per cent. of the winter wheat seeded in this county last fall was winter-killed, and the prospect is not encouraging for more than three-fourths of an average yield per acre. The oats area has been increased and the growing crop is doing well. Meadows and pastures are backward, but are rapidly improving since the recent rains. There will be an abundance of apples and a larger peach crop than for several years past. Strawberries are full of bloom. The soil has been in good working condition until the last week. The recent rains have suspended farming operations. Many farmers are through planting corn. There is a reduction of about twelve per cent. in the number of cattle on hand May 1 as compared with the corresponding date last season. There is about the same number of horses, hogs and sheep on hand as last season. Live stock is thin in flesh but comparatively free from disease.

**WINNEBAGO**—Winter wheat promises about three-fourths of an average yield. The area seeded in this county last fall was very limited. Winter rye is looking well and will make an average yield per acre. The usual area has been seeded to spring wheat, oats and barley, and the condition is about an average for May 1. Meadows and pastures have suffered for want of rain, and grass has made but little growth. The season is so backward that it is hard to estimate the prospect for fruit. The condition of the soil is good and nearly all the spring plowing has been done. There is about the same number of cattle, horses, hogs, and sheep on hand as last season at this date. With the exception of a mild distemper among horses, farm animals are in good health. About twenty per cent. of the old corn and wheat remains in the hands of the farmers.

**WOODFORD**—The prospect for winter wheat is encouraging for about four-fifths of an average yield per acre. The growing crop needs rain at this time. Rye is in a little better condition than wheat and promises about an average yield. The area seeded to spring wheat, oats and barley is about the same as last year and the growing crop is doing well. Meadows and pastures are not in an average condition for May 1, owing to the continued drouth. About twenty per cent. of the old corn and wheat crop remains in the hands of the farmers. The condition of the soil is much better than usual and nearly all the spring plowing has been done. There will be about an average bloom of all kinds of fruit raised in the county. It is not thought the late frosts have done much damage. Live stock is a little thin in flesh but in good health, the number is about the same as last year.



## EXPERIMENTS WITH FERTILIZERS.

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The condition and yield of many of the staple crops in different parts of the State, have led to a realization of the value of materials by which the fertility of the soils may be improved, and recommendations in this direction to the farmers, especially to those outside the prairie region, are in order.

The importance of directing attention to this important matter is generally conceded. There is no doubt that the cheapest and best mode of restoring or augmenting the fertility of the soil is found in the practice of mixed farming and the careful production, preservation and application of farm yard manures. On the other hand it is to be recognized that not all the farms of the State are so arranged that such mixed farming is at this time altogether practicable or profitable. Some form of manuring is however, advisable, and the question of what to use and where to obtain it, becomes the absorbing one. And to this question there is generally but one answer—each one must determine for himself. And this can only be done by carefully conducted experiment. The markets of Chicago and East St. Louis provide the materials.

Believing that such experiment will be of value to the farmers of the State, some plans are submitted by which it can be carried out and by which the value of fertilizers of various descriptions upon each farm may easily be determined.

And first we must observe that experiment in this or any other line can be valuable only when careful records of everything are conscientiously made and preserved, and in this case such records should include kind of crop operated upon; area planted; kind of fertilizers used; quantity of same; cost of same; mode of application; notes of cultivation applied to crop; date of planting; date of harvest; quantity of crop; if cereals, grain and straw, if potatoes, large and small, etc. For comparison, quantity of crop on similar area of same soil without fertilizer; value of increase; comparison of this value with cost of fertilizer used.

It is recommended that there be set apart for each experiment an area equal to say one acre, or even half an acre will prove sufficient. Divide the plot into two equal parts; to one part apply the fertilizer, and to the other apply none; make record as above described.

The three more essential substances entering into the nutrition of plants, and most likely to be wanting in the soil are nitrogen, phosphoric acid and potash. Nitrogen is found in commerce in three forms which may be named in the order of their values. First, niter—chili saltpetre; second, ammonia salts; third, organic matters containing nitrogen. It is especially valuable for such crops as grass, corn and wheat. No less valuable in its way is phosphoric acid, found so largely in bones. It is especially suited to the cereals. It occurs in the market in the form of ground bone, raw bone and bone superphosphate. Potash may be obtained in the form of German potash salts, at comparatively small cost, 2 to 2½ cents per pound. Most soils require one or even two of these constituents of plant nutrition rather than all. To determine what is needed it is well to make special mixtures, say one mixture

containing them all; then other mixtures, leaving first one then another out. This will show which of the constituents will prove most valuable on the land under experiment, and reduce the matter of the use of fertilizers to the most economical basis.

For corn, wheat, oats, barley, rye, etc., we would recommend:

Nitrate of soda (chili saltpetre).....	100 pounds.
Superphosphate of lime.....	100   “
Muriate of potash.....	100   “

Or substitute sulphate of ammonia, dried blood or other nitrogenous material for the nitrate of soda; ground bone for the superphosphate, and sulphate of potash for the muriate.

For potatoes, use

Superphosphate. ....	100 pounds.
Sulphate of potash.....	100   “

For grass and hay, use

Nitrate of soda.....	100 pounds.
Muriate of potash.....	100   “

For fruits use same mixture as for potatoes.

The quantities named are sufficient for one acre and the formulae though simple are sufficient for first experiments. They may with advantage be supplemented by experiments with only one of the substances. Say treat one plot with the nitrogen compound, one with superphosphate, one with potash salt, one with all, and compare the product of these plots with each other and with that of one unmanured.

In making purchases of material make careful inquiry as to the percentage of nitrogen, phosphoric acid and potash contained in each case.

These experiments will be sufficient for a beginning. Next season other and somewhat more detailed ones will be recommended. But it is the earnest hope that the suggestions here offered may be carried out upon a large number of farms.

As a rule the soils of Illinois are eminently suited to the reception and retention of fertilizing materials and it is believed that the judicious use of such materials will add largely to productive capacity of our soils.



CONDITION WINTER WHEAT MAY 1, 1887.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.																
COUNTIES.		Av. condition May 1.					COUNTIES.		Av. condition May 1.																	
		1887	1886	1885	1884	1883			1887	1886	1885	1884	1883	1882												
Av. cond'n April 1, '87.	Boone.....	87	97	102	100	95	83	102	Av. cond'n April 1, '87.	Adams .....	100	107	102	43	71	90	75	Av. cond'n April 1, '87.	Alexander .....	102	105	115	60	100	93	108
	Bureau.....	93	85	100	75	70	100	110		Brown .....	94	100	102	67	73	88	100		Bond .....	102	108	93	39	59	54	108
	Carroll.....	90	90	105	47	107	75	...		Calhoun ..	103	100	100	83	95	90	102		Clay .....	65	82	78	62	29	65	100
	Cook.....	90	92	100	90	90	92	90		Cass .....	99	103	112	65	102	87	120		Clinton ..	90	90	*83	76	90	40	97
	DeKalb.....	97	100	105	97	...	100	105		Champaign ..	110	102	98	*25	60	62	116		Crawford ..	93	87	100	47	35	65	97
	DuPage.....	95	100	100	80	...	...	95		Christian ..	103	105	106	33	77	72	92		Edwards ..	*71	77	95	75	61	75	100
	Grundy.....	100	90	110	...	...	100	100		Clark .....	72	93	81	37	50	74	90		Efingham ..	106	112	93	75	62	74	92
	Henderson.....	91	88	105	70	93	85	107		Coles .....	98	98	99	48	71	55	103		Fayette ..	96	95	100	24	62	45	99
	Henry.....	60	78	100	90	90	...	...		Cumberland ..	104	104	98	45	81	67	103		Franklin ..	66	91	95	41	80	75	107
	Iroquois.....	107	90	105	95	87	51	115		DeWitt .....	60	92	117	82	102	62	125		Gallatin ...	80	90	108	70	82	90	105
	JoDavies.....	98	90	101	49	101	77	105		Douglas .....	82	102	103	54	82	49	108		Hamilton ..	71	78	104	43	72	55	103
	Kane.....	102	80	102	100	95	95	100		Edgar .....	90	94	92	85	97	55	103		Hardin .....	*81	100	112	67	95	82	106
	Kankakee ..	92	92	105	75	85	68	113		Ford.....	80	75	*102	...	...	40	95		Jackson ...	80	113	100	40	90	82	106
	Kendall .....	75	78	100	95	100	62	109		Fulton .....	90	100	109	66	99	86	120		Jasper .....	85	95	70	40	47	55	111
	Knox.....	95	96	107	80	103	82	109		Greene .....	95	110	106	30	97	80	93		Jefferson ..	65	70	82	46	33	61	107
	Lake .....	110	92	100	62	85	82	106		Hancock .....	101	104	110	65	107	95	110		Johnson ..	89	89	106	39	73	70	106
	LaSalle .....	91	82	90	77	84	80	96		Jersey .....	97	102	92	25	88	75	96		Lawrence ..	79	76	95	48	80	56	90
	Lee .....	95	94	*101	75	100	40	103		Logan .....	94	101	108	65	102	52	108		Madison ..	91	86	95	52	77	70	86
	Livingston ..	71	75	97	85	100	63	100		Macon .....	94	96	107	87	73	44	106		Marion .....	80	87	97	65	63	52	102
	Marshall .....	90	90	90	...	115	110	110		Macoupin... ..	93	97	96	34	80	77	61		Massac .....	95	102	117	55	86	81	113
	McHenry .....	95	*90	105	92	112	76	105		Mason .....	100	102	105	57	102	77	106		Monroe .....	*84	85	70	82	100	86	110
	Mercer .....	85	85	95	70	100	62	105		McDonough ..	95	117	103	58	106	...	...		Perry .....	57	77	70	59	69	67	109
	Ogle .....	87	92	98	75	97	62	113		McJean .....	93	98	110	72	86	57	112		Pope .....	77	92	98	*50	87	61	99
	Peoria .....	95	77	102	75	95	88	112		Menard .....	98	105	105	53	103	62	112		Pulaski .....	100	90	112	75	103	83	110
	Putnam .....	95	90	102	82	90	91	107		Montgomery ..	98	109	104	47	72	52	96		Randolph ..	78	100	77	72	95	64	111
	Rock Island ..	90	79	110	60	83	65	108		Morgan.....	100	99	108	80	107	94	110		Richland ..	73	75	93	62	52	62	103
	Stark .....	91	85	102	75	100	90	102		Moultrie .....	88	85	102	48	80	75	102		Saline .....	87	83	95	55	85	55	105
	Stephenson ..	100	93	99	72	90	76	106		Piatt.....	100	100	100	62	88	54	97		St. Clair .....	100	88	60	56	63	54	99
	Warren.....	99	95	109	82	100	87	107		Pike .....	105	112	97	29	60	74	116		Union .....	90	90	103	50	85	90	103
	Whiteside .....	100	90	100	80	50	70	105		Sangamon .....	104	104	104	44	100	71	106		Wabash .....	85	85	89	59	74	82	100
	Will .....	82	98	96	...	...	97	107		Schuyler .....	100	101	108	75	95	95	108		Washington ..	80	87	65	42	75	62	106
	Winnebago .....	92	78	90	52	95	62	106		Scott .....	111	106	100	40	82	59	92		Wayne .....	49	51	53	38	62	42	106
	Woodford.....	89	91	95	72	97	98	102		Shelby .....	98	103	108	10	83	74	103		White .....	67	62	94	54	80	61	107
	Average.....	92	88	101	77	94	80	105		Tazewell.....	92	97	140	64	105	77	109		Williamson ..	75	74	100	62	56	62	112
										Vermilion .....	92	106	110	15	71	40	112		Average.....	83	88	91	55	73	68	103

\*Estimated.

## CROP REPORT.

CONDITION SPRING WHEAT MAY 1, 1887.

NORTHERN DIVISION.							CENTRAL DIVISION.							SOUTHERN DIVISION.													
COUNTIES.		Av. condition May 1.					Ac. '87 com. p'd 1886.	COUNTIES.		Av. condition May 1.					Ac. '87 com. p'd 1887.	COUNTIES.		Av. condition May 1.					Ac. '87 com. p'd 1887.				
		1887	1886	1885	1884	1883				1882	1887	1886	1885	1884				1883	1882	1887	1886	1885		1884	1883	1882	
Boone.....	105	102	100	85	97	100	93	Adams.....	...	...	...	...	...	...	...	Alexander.....	...	...	...	...	...	...	...				
Bureau.....	102	89	100	90	90	90	90	Brown.....	...	...	...	...	...	...	...	Bond.....	...	...	...	...	...	...	...				
Carroll.....	102	95	100	...	100	100	...	Calhoun.....	...	...	...	...	...	...	...	Clay.....	...	...	...	...	...	...	...				
Cook.....	97	97	105	105	97	96	102	Cass.....	...	...	...	...	...	...	...	Clinton.....	...	...	...	...	...	63	...				
DeKalb.....	113	108	102	99	...	...	...	Champaign.....	...	...	...	...	...	...	...	Crawford.....	...	...	...	...	...	...	...				
DuPage.....	102	100	110	100	...	...	...	Christian.....	...	...	...	...	...	...	...	Edwards.....	...	...	...	...	...	...	...				
Grundy.....	110	80	...	...	100	100	...	Clark.....	...	...	...	...	...	...	...	Effingham.....	...	...	...	...	...	...	...				
Henderson.....	103	93	102	100	100	92	92	Coles.....	...	...	...	...	...	...	...	Fayette.....	...	...	...	...	...	...	...				
Henry.....	128	96	102	97	100	100	...	Cumberland.....	...	...	...	...	...	...	...	Franklin.....	...	...	...	...	...	...	...				
Iroquois.....	110	105	105	...	...	100	...	DeWitt.....	...	...	...	...	...	...	...	Gallatin.....	...	...	...	...	...	...	...				
Jo Daviess.....	107	100	90	87	100	100	102	Douglas.....	...	...	...	...	...	...	...	Hamilton.....	...	...	...	...	110	...	...				
Kane.....	100	97	100	90	100	100	100	Edgar.....	...	...	...	...	...	...	...	Hardin.....	...	...	...	...	...	...	...				
Kankakee.....	110	92	100	...	...	...	100	Ford.....	...	...	...	...	...	...	...	Jackson.....	...	...	...	...	...	...	...				
Kendall.....	125	95	102	80	100	100	95	Fulton.....	...	...	...	...	...	...	...	Jasper.....	...	...	...	...	...	...	...				
Knox.....	95	97	105	100	90	...	103	Greene.....	...	...	...	...	...	...	...	Jefferson.....	...	...	...	...	...	...	...				
Lake.....	100	90	102	93	98	98	97	Hancock.....	...	...	...	...	...	...	...	Johnson.....	...	...	...	...	...	...	...				
LaSalle.....	105	100	97	92	95	100	90	Jersey.....	...	...	...	...	...	...	...	Lawrence.....	...	...	...	...	...	...	...				
Lee.....	106	92	101	100	102	95	83	Logan.....	...	...	...	...	...	...	...	Madison.....	...	...	...	...	...	...	...				
Livingston.....	100	85	...	...	100	75	...	Macon.....	...	...	...	...	...	...	...	Marion.....	...	...	...	...	100	...	...				
Marshall.....	110	92	90	100	120	93	...	Macoupin.....	...	...	...	...	...	...	...	Massac.....	...	...	...	...	...	...	...				
McHenry.....	110	100	...	100	100	190	92	Mason.....	...	...	...	...	...	...	...	Monroe.....	...	...	...	...	...	...	...				
Mercer.....	134	83	102	...	...	50	100	McDonough.....	...	...	...	...	...	...	...	Perry.....	...	...	...	...	...	...	...				
Ogle.....	107	102	90	90	100	80	100	McLean.....	...	...	...	...	...	...	...	Pope.....	...	...	...	...	95	...	...				
Peoria.....	97	85	...	93	...	90	90	Menard.....	...	...	...	...	...	...	...	Pulaski.....	...	...	...	...	...	100	...				
Putnam.....	97	91	104	100	97	100	100	Montgomery.....	...	...	...	...	...	...	...	Randolph.....	...	...	...	...	...	...	...				
Rock Island.....	102	95	102	95	100	100	105	Morgan.....	...	...	...	...	...	...	...	Richland.....	...	...	...	...	...	...	...				
Stark.....	100	92	98	100	98	100	97	Moultrie.....	...	...	...	...	...	...	...	Saline.....	...	...	...	...	...	...	...				
Stephenson.....	98	98	94	107	100	100	100	Piatt.....	...	...	...	...	...	...	...	St. Clair.....	...	...	...	...	...	...	...				
Warren.....	98	98	102	97	100	93	105	Pike.....	...	...	...	...	...	...	...	Union.....	...	...	...	...	...	...	...				
Whiteside.....	110	87	100	90	100	95	101	Sangamon.....	...	...	...	...	...	...	...	Wabash.....	...	...	...	...	...	...	...				
Will.....	100	95	117	100	100	100	106	Schuyler.....	...	...	...	...	...	...	...	Washington.....	...	...	...	...	...	...	...				
Winnebago.....	102	100	100	85	98	100	100	Scott.....	...	...	...	...	...	...	...	Wayne.....	...	...	...	...	...	...	...				
Woodford.....	102	95	100	100	97	...	100	Shelby.....	...	...	...	...	...	...	...	White.....	...	...	...	...	...	...	...				
								Tazewell.....	...	...	...	...	...	...	...	Williamson.....	...	...	...	...	...	...	...				
Total or av.....	106	94	101	95	99	94	96	Vermilion.....	...	...	...	...	...	...	...	Average.....	...	...	...	...	...	...	...				
								Average.....	96	95	98	98	100	97	97						95	110	100	100	80	...	100



## CONDITION WINTER RYE MAY 1, 1887.

NORTHERN DIVISION.												CENTRAL DIVISION.												SOUTHERN DIVISION.											
COUNTIES.						Average condition May 1.						COUNTIES.						Average condition May 1.						COUNTIES.						Average condition May 1.					
1887	1886	1885	1884	1883	1882	1881	1880	1887	1886	1885	1884	1883	1882	1881	1880	1887	1886	1885	1884	1883	1882	1881	1880												
Boone.....	104	102	100	97	96	100	93	Adams.....	100	100	90	100	100	80	100	Alexander.....	105	....	80	90	95	106	100	..											
Bureau.....	97	99	90	90	100	100	89	Brown.....	100	107	100	98	92	....	103	Bond.....	110	100	50	75	75	110	....	110											
Carroll.....	97	102	89	104	88	120	96	Calhoun.....	...	...	47	90	100	100	110	Clay.....	95	80	...	....	75	71	82	103											
Cook.....	92	108	97	77	100	100	72	Cass.....	99	100	97	104	97	108	77	Clinton.....	90	*90	100	...	60	103	85	105											
DeKalb.....	103	107	95	100	96	101	83	Champaign.....	100	100	70	95	100	107	100	Crawford.....	85	100	85	84	80	98	100	100											
DuPage.....	87	112	97	91	105	100	81	Christian.....	104	105	85	95	70	96	83	Edwards.....	...	100	...	95	190	100	...	...											
Grundys.....	89	110	86	98	98	90	100	Clark.....	97	94	35	58	62	91	102	Effingham ..	105	94	82	96	85	98	...	100											
Henderson.....	97	102	95	100	92	104	98	Coles.....	97	100	75	100	86	108	100	Fayette.....	100	105	45	57	64	96	92	105											
Henry.....	92	102	91	84	82	102	105	Cumberland.....	107	...	100	100	65	90	100	Franklin.....	90	90	...	90	75	105	80	...											
Iroquois.....	93	96	97	91	86	115	80	Dewitt.....	97	102	75	106	77	103	77	Gallatin.....	...	...	...	...	...	105	90	97											
JoDavies.....	103	95	92	100	91	100	80	Douglas.....	100	97	80	95	62	101	78	Hamilton.....	100	87	50	90	70	93	80	100											
Kane.....	96	99	97	93	91	107	70	Edgar.....	87	100	...	...	100	100	70	Hardin.....	...	...	...	...	75	100	...	100											
Kankakee.....	93	95	100	102	95	110	100	Ford.....	87	100	90	100	70	100	76	Jackson.....	...	...	70	100	87	102	100	100											
Kendall.....	95	103	95	101	83	96	90	Fulton.....	95	103	92	100	93	104	101	Jasper.....	95	72	63	66	70	110	80	100											
Knox.....	99	100	92	100	82	104	102	Greene.....	100	110	75	100	105	110	95	Jefferson.....	85	93	54	48	65	96	71	100											
Lake.....	96	100	87	100	88	107	76	Hancock.....	100	106	100	103	96	100	102	Johnson.....	90	100	67	82	78	88	100	100											
LaSalle.....	87	102	80	110	93	96	57	Jersey.....	...	...	95	...	...	100	102	Lawrence.....	...	...	...	80	95	90	92	190											
Lee.....	96	101	96	101	77	108	100	Logan.....	100	102	97	100	95	101	86	Madison.....	90	100	87	90	85	95	92	190											
Livingston.....	92	94	88	95	87	98	100	Macon.....	100	103	...	96	76	106	92	Marion.....	82	75	...	...	55	101	60	110											
Marshall.....	95	100	85	103	105	100	106	Macoupin.....	97	90	90	75	96	80	87	Massac.....	80	110	50	70	87	108	...	60											
McHenry.....	100	100	100	109	87	108	100	Mason.....	100	97	...	100	97	105	80	Monroe.....	*98	95	93	105	95	100	87	107											
McMeer.....	84	106	97	100	78	103	100	McDonough.....	100	100	83	100	100	102	92	Perry.....	90	72	87	88	89	99	75	100											
Ogle.....	97	107	85	104	95	105	96	McLean.....	95	101	80	91	77	97	94	Pope.....	90	...	42	...	70	100	...	...											
Peoria.....	90	100	86	94	91	103	100	Menard.....	100	100	92	100	86	111	96	Pulaski.....	100	...	...	100	100	...	100	110											
Putnam.....	91	102	93	100	95	106	105	Montgomery.....	100	110	58	89	82	95	91	Randolph.....	100	100	100	90	85	103	...	100											
Rock Island.....	86	95	83	97	75	105	98	Morgan.....	96	102	90	100	92	105	95	Richland.....	95	97	80	77	64	101	53	100											
Stark.....	90	100	88	97	99	105	102	Moultrie.....	*100	105	70	100	96	99	86	Saline.....	100	100	50	100	66	100	85	107											
Stephenson.....	99	100	86	91	88	104	85	Piatt.....	100	100	75	97	83	102	90	St.Clair.....	100	100	100	100	95	100	100	105											
Warren.....	98	103	90	100	94	106	103	Pike.....	100	100	98	100	98	100	90	Union.....	...	100	70	97	95	100	88	100											
Whiteside.....	95	104	95	102	85	105	95	Sangamon.....	102	102	98	100	100	106	88	Wabash.....	...	...	...	...	...	...	...	100											
Will.....	99	122	98	100	102	107	91	Schuyler.....	100	107	85	100	102	102	100	Washington...	95	60	77	91	85	100	90	100											
Winnebago.....	102	97	87	100	98	109	95	Scott.....	100	100	75	95	82	90	95	Wayne.....	65	...	50	100	46	101	65	135											
Woodford.....	97	97	78	100	88	100	96	Shelby.....	104	107	50	96	90	97	75	White.....	60	95	...	95	75	110	75	100											
Average.....	95	102	91	96	91	104	95	Tazewell.....	100	125	97	96	95	107	85	Williamson.....	95	100	...	75	82	98	...	...											
								Vermilion.....	100	100	100	80	82	104	80	Average....	92	92	71	85	78	99	85	105											
								Average.....	99	102	83	95	88	101	87																				

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.											
COUNTIES.	Average condition May 1					COUNTIES.	Average condition May 1					COUNTIES.	Average condition May 1								
	with 1886.						with 1886.						with 1886.								
	1887	1886	1885	1884	1883		1887	1886	1885	1884	1883		1887	1886	1885	1884	1883				
Boone.....	102	85	65	92	95	92	Adams.....	103	98	99	89	96	80	Alexander.....	100	97	90	100	86	96	103
Bureau.....	107	86	99	100	100	105	Brown.....	95	97	87	95	89	100	Bond.....	127	92	90	89	84	90	93
Carroll.....	101	97	100	100	90	97	Calhoun.....	95	82	100	100	95	96	Clay.....	116	60	85	100	97	85	95
Cook.....	104	96	106	100	102	97	Cass.....	104	94	98	99	98	100	Clinton.....	100	95	*86	106	90	96	74
DeKalb.....	102	102	105	98	108	90	Champaign.....	109	96	98	*97	97	108	Crawford.....	113	89	87	91	92	92	94
DuPage.....	95	90	120	87	90	85	Christian.....	104	96	94	89	82	97	Edwards.....	120	00	100	95	102	90	90
Grundy.....	115	82	101	83	97	200	Clark.....	107	92	96	96	90	101	Effingham.....	126	01	80	105	100	87	102
Henry.....	103	87	96	95	98	100	Coles.....	105	90	103	97	95	105	Fayette.....	114	06	97	102	98	98	94
Henry.....	99	67	104	86	100	103	Cumberland.....	102	92	77	97	94	96	Franklin.....	119	97	96	92	100	100	97
Iroquois.....	105	90	104	81	98	100	DeWitt.....	101	80	110	101	102	105	Gallatin.....	95	95	90	85	97	92	92
JoDavies.....	100	97	87	95	100	99	Douglas.....	107	90	110	97	80	108	Hamilton.....	144	94	97	100	105	90	62
Kane.....	98	96	95	96	100	96	Edgar.....	104	83	95	98	108	103	Hardin.....	100	110	88	70	100	90	87
Kankakee.....	107	97	100	87	100	96	Ford.....	102	87	103	93	96	94	Jackson.....	117	97	90	95	85	100	95
Kendall.....	98	82	99	92	100	92	Fullon.....	107	95	95	95	96	98	Jasper.....	115	100	79	100	100	75	83
Knox.....	108	92	104	95	111	105	Greene.....	104	98	102	100	96	100	Jefferson.....	136	96	88	99	100	86	98
Lake.....	104	90	100	100	98	102	Hancock.....	107	97	97	110	98	100	Johnson.....	105	91	100	78	100	92	85
LaSalle.....	98	86	85	91	96	87	Jersey.....	95	83	72	100	75	93	Lawrence.....	105	94	103	95	100	94	62
Lee.....	102	92	99	93	100	99	Logan.....	106	95	102	101	95	97	Madison.....	103	100	70	102	97	96	96
Livingston.....	103	100	99	88	102	89	Macon.....	124	92	101	102	100	100	Marion.....	141	104	90	105	90	100	87
Marshall.....	104	87	88	100	105	100	Macoupin.....	100	88	75	89	81	102	Massac.....	113	103	107	88	99	95	100
McHenry.....	97	100	110	100	100	97	Mason.....	102	93	87	90	96	100	Monroe.....	110	100	97	92	87	96	96
Mercer.....	104	75	102	74	95	92	McDonough.....	120	93	100	95	93	110	Perry.....	112	100	95	101	100	95	96
Ogle.....	108	98	100	83	81	95	McLean.....	98	88	103	103	93	91	Pope.....	107	97	100	*79	97	100	94
Peoria.....	102	63	102	81	92	102	Menard.....	103	95	102	97	100	100	Pulaski.....	107	83	95	87	106	100	107
Putnam.....	105	84	98	100	99	100	Montgomery.....	105	105	87	90	83	99	Randolph.....	125	97	77	97	102	89	92
Rock Island.....	104	86	100	94	101	104	Morgan.....	101	99	88	100	91	95	Richland.....	112	97	93	91	97	86	95
Stark.....	104	91	100	95	97	100	Moultrie.....	112	85	100	100	87	100	Saline.....	107	87	92	80	85	73	88
Stephenson.....	102	93	91	97	96	100	Pike.....	110	97	97	97	98	95	St. Clair.....	107	80	86	100	97	94	87
Warren.....	106	94	105	99	105	100	Pontiac.....	112	87	100	106	98	98	Union.....	105	90	95	80	97	100	100
Whiteside.....	122	82	98	75	100	80	Sangamon.....	112	94	97	102	97	110	Wabash.....	107	90	96	87	95	70	91
Will.....	102	94	114	87	103	101	Schuyler.....	107	86	102	90	97	94	Washington.....	122	98	85	100	100	90	75
Winnebago.....	104	97	100	90	100	88	Scott.....	95	94	97	100	95	91	Wayne.....	131	94	85	98	100	69	81
Woodford.....	98	95	97	98	102	97	Shelby.....	100	87	97	100	92	97	White.....	109	92	94	90	101	89	77
Average.....	103	90	100	90	97	97	Tazewell.....	107	98	90	100	97	92	Williamson.....	107	94	95	87	100	92	90
							Vermilion.....	105	100	100	97	105	105	Average.....	114	96	91	93	96	91	90
							Average.....	105	91	96	97	94	98								

\* Estimated.



# WAGES PAID TO FARM HANDS, SEASON 1887.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.				
COUNTIES.	Per day with board.	Per day with- out board.	Per month with board.	Per month with- out board.	COUNTIES.	Per day with board.	Per day with- out board.	Per month with board.	Per month with- out board.	COUNTIES.	Per day with board.	Per day with- out board.	Per month with board.	Per month with- out board.
Boone.....	90	1 30	19 15	27 20	Adams.....	85	1 10	18 00	25 35	Alexander.....	50	1 00	15 00	25 00
Bureau.....	1 00	1 25	19 25	27 50	Brown.....	70	1 00	17 00	25 00	Bond.....	70	0 95	14 50	22 00
Carroll.....	1 00	1 25	18 50	25 00	Calhoun.....	75	0 95	16 00	17 50	Clay.....	75	1 00	15 00	20 65
Cook.....	1 00	1 35	16 75	23 50	Cass.....	85	1 15	19 15	26 40	Clinton.....	1 00	1 25	15 00	22 00
DeKalb.....	95	1 25	19 25	25 65	Champaign.....	85	1 10	17 80	24 00	Crawford.....	75	1 05	14 80	21 00
DuPage.....	90	1 35	18 00	26 50	Christian.....	70	1 00	16 30	23 75	Edwards.....	70	85	15 75	20 00
Grundy.....	1 00	1 30	18 80	27 27	Clark.....	80	1 05	15 00	20 00	Effingham.....	70	95	15 00	21 50
Henderson.....	1 00	1 35	19 65	27 35	Coles.....	70	95	16 65	22 65	Fayette.....	65	90	13 00	22 65
Henry.....	1 00	1 35	19 50	28 20	Cumberland.....	75	95	14 90	18 60	Franklin.....	60	85	14 00	18 65
Iroquois.....	90	1 25	18 35	25 50	DeWitt.....	85	1 15	17 85	24 50	Gallatin.....	65	75	15 50	19 00
JoDaviess.....	95	1 25	20 00	28 00	Douglas.....	85	1 15	17 85	26 50	Hamilton.....	55	80	13 85	18 20
Kane.....	95	1 35	19 00	29 35	Edgar.....	75	1 00	16 50	25 40	Hardin.....	50	60	12 00	16 00
Kankakee.....	85	1 25	18 00	25 40	Ford.....	1 00	1 35	18 75	27 00	Jackson.....	55	85	14 00	23 35
Kendall.....	1 00	1 35	19 35	28 65	Fulton.....	85	1 15	17 65	25 00	Jasper.....	75	1 00	15 00	22 00
Knox.....	1 00	1 35	19 70	29 90	Greene.....	85	1 15	18 00	25 00	Jefferson.....	60	90	13 50	20 00
Lake.....	1 00	1 30	18 50	26 50	Hancock.....	90	1 15	18 20	25 20	Johnson.....	50	70	13 00	18 50
LaSalle.....	95	1 30	19 60	25 50	Jersey.....	85	1 10	17 00	25 50	Lawrence.....	70	85	15 50	21 00
Lee.....	95	1 20	20 00	28 50	Logan.....	95	1 20	18 20	27 00	Madison.....	75	1 10	16 23	25 50
Livingston.....	1 00	1 25	18 00	26 00	Macon.....	85	1 15	18 45	25 00	Marion.....	70	90	14 10	19 50
Marshall.....	1 00	1 15	20 00	25 50	Macoupin.....	80	1 05	17 50	24 40	Massac.....	50	70	13 35	17 50
McHenry.....	1 00	1 35	19 00	28 75	Mason.....	80	1 25	18 00	26 50	Monroe.....	60	90	14 00	23 00
Mercer.....	90	1 15	18 00	26 50	McDonough.....	85	1 10	17 65	26 65	Perry.....	55	75	13 00	20 00
Ogle.....	1 00	1 25	19 80	30 00	McLean.....	85	1 15	18 20	23 75	Pope.....	50	75	13 25	15 50
Peoria.....	90	1 15	19 35	27 00	Menard.....	90	1 15	18 65	22 50	Pulaski.....	60	85	14 00	21 65
Putnam.....	1 00	1 25	20 00	28 75	Montgomery.....	75	1 00	16 80	23 80	Randolph.....	55	85	14 65	20 40
Rock Island.....	95	1 25	18 80	26 25	Morgan.....	95	1 20	18 75	24 25	Richland.....	65	85	14 50	20 50
Stark.....	90	1 25	20 85	31 85	Moultrie.....	75	1 00	17 65	23 00	Saline.....	50	70	13 00	18 15
Stephenson.....	1 00	1 25	17 65	26 25	Platt.....	1 00	1 35	18 00	27 50	St. Clair.....	80	1 10	15 00	23 75
Warren.....	1 00	1 35	20 75	28 85	Pike.....	75	1 00	16 00	22 00	Union.....	60	75	14 00	18 00
Whiteside.....	80	1 10	19 00	30 00	Sangamon.....	85	1 15	17 60	25 50	Wabash.....	70	1 00	15 85	22 50
Will.....	1 00	1 40	19 50	31 00	Schuyler.....	80	1 15	17 00	25 35	Washington.....	50	1 00	14 00	22 00
Winnebago.....	1 00	1 30	21 00	28 35	Scott.....	85	1 10	18 80	24 90	Wayne.....	65	80	14 50	20 65
Woodford.....	1 00	1 30	19 00	27 35	Shelby.....	85	1 25	16 75	26 00	White.....	70	84	15 75	20 00
Average.....	\$ 0 95	\$ 1 30	\$ 19 10	\$ 27 50	Tazewell.....	1 00	1 35	19 00	26 90	Williamson.....	50	75	13 25	18 25
					Vermilion.....	85	1 15	18 00	25 50	Average.....	\$ 0 65	\$ 0 90	\$ 14 30	\$ 20 50
					Average.....	\$ 0 85	\$ 1 10	\$ 17 55	\$ 24 50					

LIVE STOCK.  
Number and Condition.

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	No. on hand May 1, 1887, compared with May 1, 1886 .	Condition May 1, 1887 .....	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.
	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Adams.....	95	97	90	97	97	98	83	100	85	92	100	103
Alexander.....	110	110	100	110	100	100	102	100	65	100	100	100
Bond.....	97	92	103	92	97	97	92	100	81	96	81	100
Boone.....	100	98	98	99	96	99	100	98	86	97	96	100
Brown.....	70	100	90	100	95	95	90	95	65	75	75	100
Bureau.....	96	99	97	99	95	98	98	100	68	85	95	99
Calhoun.....	100	110	100	110	100	100	100	100	90	85	105	110
Carroll.....	110	101	97	95	103	100	.....	.....	86	102	92	107
Cass.....	94	100	100	100	101	102	98	100	80	101	99	100
Champaign.....	99	99	102	100	100	98	99	98	78	98	93	100
Christian.....	90	102	102	101	98	103	96	102	83	94	101	101
Clark.....	99	90	97	90	99	94	95	102	92	94	87	96
Clay.....	97	90	100	100	103	97	97	99	76	99	82	99
Clinton.....	.....	.....	100	90	100	85	90	85	90	80	90	90
Coles.....	98	100	97	100	100	100	102	103	65	93	88	100
Cook.....	97	99	99	99	99	100	100	100	86	100	100	100
Crawford.....	91	89	94	87	94	92	81	96	89	98	88	94
Cumberland.....	95	89	99	97	99	106	101	102	82	101	94	97
DeKalb.....	101	93	97	92	94	100	102	102	94	100	98	100
DeWitt.....	100	99	100	96	96	95	95	101	79	100	94	100
Douglas.....	99	100	77	100	94	97	92	100	72	102	97	100
DuPage.....	100	104	103	104	99	100	100	100	88	100	95	102
Edgar.....	95	96	82	89	99	92	96	92	74	89	85	98
Edwards.....	96	97	102	98	100	99	98	100	85	95	95	97
Ffingham.....	104	102	105	100	101	102	96	100	86	102	86	100
Fayette.....	105	102	105	105	102	96	102	100	87	97	100	100
Ford.....	94	95	93	97	97	100	.....	.....	74	87	87	87
Franklin.....	95	86	102	92	97	97	94	100	87	95	94	96
Fulton.....	96	95	98	95	93	99	87	100	80	95	92	99
Gallatin.....	102	100	100	100	101	100	100	95	87	95	100	100
Greene.....	105	98	95	95	93	99	95	97	85	88	100	98
Grundy.....	98	96	101	94	102	97	101	102	89	100	96	90
Hamilton.....	97	91	102	96	101	96	98	102	77	88	76	96
Hancock.....	97	101	99	102	101	99	98	100	74	100	102	101
Hardin.....	110	100	.....	.....	90	100	80	100	40	100	60	100
Henderson.....	97	102	93	100	85	97	100	101	55	100	80	100
Henry.....	100	95	102	95	100	97	99	97	70	89	98	96
Iroquois.....	94	102	97	102	99	103	102	101	85	100	89	101
Jackson.....	97	97	102	98	100	95	100	97	90	97	102	98
Jasper.....	90	100	87	100	95	100	90	100	80	100	80	100
Jefferson.....	95	89	107	97	97	92	86	92	84	81	80	97
Jersey.....	100	98	100	97	100	100	98	100	82	93	90	100
JoDavie.....	94	90	97	89	100	100	95	97	79	97	100	100
Johnson.....	95	100	105	100	100	100	94	100	82	98	85	100
Kane.....	97	102	96	101	98	100	92	100	84	99	74	100
Kankakee.....	98	97	97	98	95	101	102	101	84	102	93	93
Kendall.....	100	98	102	97	100	100	100	100	75	100	100	100
Knox.....	95	98	97	98	91	100	95	100	75	100	84	100
Lake.....	99	100	102	100	99	100	95	100	81	100	90	99
LaSalle.....	100	96	104	99	96	97	100	100	91	101	90	99
Lawrence.....	100	100	95	100	97	99	97	100	89	99	94	99
Lee.....	100	101	102	102	102	101	101	100	84	98	84	99



**LIVE STOCK--Continued.**  
**Number and Condition.**

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.	No. on hand May 1, 1887, compared with May 1, 1886.	Condition May 1, 1887.
	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Livingston.....	101	100	98	99	103	97	98	100	81	97	100	104
Logan.....	99	98	100	99	101	100	99	100	74	99	95	100
Macon.....	97	99	93	99	101	101	94	101	77	98	96	101
Macoupin.....	101	96	104	94	98	97	94	96	84	98	90	97
Madison.....	102	101	104	100	100	100	100	100	95	100	93	101
Marion.....	92	97	91	100	91	99	95	100	77	91	84	100
Marshall.....	92	95	100	92	96	100	95	100	87	100	100	100
Mason.....	92	97	97	97	92	100	97	100	73	100	90	100
Massac.....	102	98	102	102	98	102	102	108	98	102	92	98
McDonough.....	100	100	98	105	103	100	100	100	67	100	88	100
McHenry.....	97	100	100	100	95	100	100	100	75	90	85	100
McLean.....	96	102	97	100	98	104	99	100	82	98	93	103
Menard.....	100	102	100	100	97	102	88	100	62	92	100	100
Mercer.....	89	87	105	88	89	98	100	100	61	91	103	95
Monroe.....	105	95	110	100	100	100	100	100	85	90	110	100
Montgomery.....	105	104	105	107	109	104	95	106	77	105	60	106
Morgan.....	93	99	105	97	99	100	100	100	84	97	97	100
Moultrie.....	100	95	100	95	102	95	93	97	62	92	77	100
Ogle.....	100	100	102	100	95	100	95	100	78	93	97	100
Peoria.....	87	95	97	93	93	100	92	100	70	103	81	97
Perry.....	103	95	110	95	105	97	100	98	73	83	75	95
Piatt.....	102	100	102	100	102	102	100	100	75	80	100	100
Pike.....	107	103	105	102	97	100	93	100	68	93	90	100
Pope.....	82	97	85	95	100	96	95	95	72	82	90	98
Pulaski.....	100	103	105	103	105	100	107	100	92	100	112	105
Putnam.....	97	95	100	95	99	101	95	100	89	97	100	99
Randolph.....	102	100	110	100	101	98	95	102	90	98	92	97
Richland.....	87	92	102	95	95	97	95	95	95	97	97	90
Rock Island.....	88	94	96	94	89	99	95	97	67	86	77	97
Saline.....	93	97	102	97	94	102	96	102	87	93	90	100
Sangamon.....	105	98	99	95	104	103	98	101	76	95	95	99
Schuyler.....	91	95	94	90	100	100	92	100	82	99	92	97
Scott.....	94	100	94	100	100	97	82	100	60	97	85	96
Shelby.....	98	100	100	99	102	97	94	99	71	102	93	99
Stark.....	100	96	103	97	96	102	100	100	92	100	90	102
St. Clair.....	104	100	102	100	103	100	104	100	97	100	95	97
Stephenson.....	98	97	99	92	99	99	100	100	76	100	100	100
Tazewell.....	101	100	96	100	98	98	100	100	72	102	90	100
Union.....	90	100	100	100	100	100	100	100	80	95	80	95
Vermilion.....	100	100	100	100	105	100	95	100	90	100	102	100
Wabash.....	94	95	100	100	97	97	96	100	90	100	85	97
Warren.....	91	99	94	97	99	99	96	97	71	95	88	100
Washington.....	95	97	100	90	100	95	95	97	83	97	82	97
Wayne.....	94	95	98	95	95	99	94	99	74	90	97	99
White.....	92	99	97	99	101	100	98	100	85	94	97	97
Whiteside.....	105	97	105	97	87	100	100	100	75	100	100	100
Will.....	100	101	99	102	102	100	97	98	81	95	100	100
Williamson.....	87	90	87	86	97	94	85	95	74	90	76	92
Winnebago.....	97	97	100	95	100	100	97	100	65	92	90	100
Woodford.....	101	100	101	98	97	99	98	98	76	96	100	100

GRAIN PROSPECTS--Acreage, Condition, etc.

COUNTIES.	WINTER WHEAT.		WINTER RYE.		SPRING WHEAT.		OATS.		BARLEY.		MEAD'WS		PASTUR'S	
	Acreage winter-killed, destroyed by floods or Hessian fly	Condition May 1, 1887	Acreage winter-killed, destroyed by floods or Hessian fly	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887
	Per cent.	Per cent	Per cent.	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Adams.....	10	107	25	100	.....	.....	103	93	.....	.....	93	87	100	88
Alexander.....	2	105	2	105	.....	.....	100	97	.....	.....	100	100	100	100
Bond.....	5	108	.....	110	.....	.....	127	92	.....	.....	107	97	102	97
Boone.....	5	97	5	104	105	102	102	102	106	101	99	93	100	95
Brown.....	5	100	.....	100	.....	.....	95	75	.....	.....	92	87	97	85
Bureau.....	10	85	5	97	102	89	107	86	90	90	98	87	102	87
Calhoun.....	.....	100	.....	.....	.....	.....	95	82	.....	.....	100	100	87	100
Carroll.....	30	90	.....	97	102	95	101	97	100	100	97	100	97	99
Cass.....	.....	103	.....	99	.....	.....	104	94	.....	.....	98	94	100	96
Champaign.....	14	102	.....	100	75	100	109	96	.....	.....	95	95	100	95
Christian.....	2	105	.....	104	.....	.....	104	96	.....	.....	94	98	100	95
Clark.....	10	93	12	97	.....	.....	107	92	.....	.....	96	92	96	79
Clay.....	11	82	2	95	.....	.....	116	100	.....	.....	97	95	99	70
Clinton.....	5	90	.....	90	.....	.....	100	95	.....	.....	65	60	90	90
Coles.....	7	98	.....	97	.....	.....	105	90	.....	.....	85	88	93	88
Cook.....	25	92	15	92	97	97	104	96	90	100	101	87	100	87
Crawford.....	8	87	5	85	.....	.....	113	89	.....	.....	102	93	98	94
Cumberland.....	5	104	5	107	90	110	102	92	.....	.....	99	93	102	73
DeKaib.....	6	100	6	103	113	108	102	102	103	103	100	102	100	101
DeWitt.....	5	92	10	97	120	90	101	80	.....	.....	97	74	97	75
Douglas.....	7	102	10	100	.....	.....	107	90	.....	.....	89	90	92	90
DuPage.....	15	100	8	87	102	100	95	90	100	100	103	88	102	87
Edgar.....	9	94	20	87	.....	.....	104	83	.....	.....	93	92	91	91
Edwards.....	45	77	.....	.....	.....	.....	120	100	.....	.....	85	95	100	77
Effingham.....	10	112	20	105	.....	.....	126	101	.....	.....	109	98	104	102
Fayette.....	11	95	.....	100	.....	.....	114	106	.....	.....	107	96	106	97
Ford.....	10	75	10	87	50	75	102	87	.....	.....	102	90	105	88
Franklin.....	12	91	.....	90	.....	.....	119	97	.....	.....	107	97	102	100
Fulton.....	5	100	6	95	95	95	107	95	.....	.....	97	90	98	89
Gallatin.....	2	90	.....	.....	.....	.....	95	95	.....	.....	100	100	105	95
Greene.....	2	110	.....	100	.....	.....	104	98	.....	.....	96	98	100	95
Grundy.....	5	90	4	89	110	80	115	82	.....	.....	99	86	100	82
Hamilton.....	40	78	17	100	.....	.....	144	94	.....	.....	103	97	100	101
Hancock.....	5	104	.....	100	.....	.....	107	97	.....	.....	95	97	102	99
Hardin.....	5	100	.....	.....	.....	.....	100	110	.....	.....	70	100	100	110
Henderson.....	2	88	.....	97	103	93	103	87	.....	.....	88	80	97	78
Henry.....	27	78	8	92	128	90	99	67	100	77	100	84	101	76
Iroquois.....	.....	90	25	93	110	105	105	90	.....	.....	100	84	101	83
Jackson.....	22	113	.....	.....	.....	.....	117	97	.....	.....	100	105	100	103
Jasper.....	10	95	10	95	.....	.....	115	100	.....	.....	100	92	105	95
Jefferson.....	23	70	5	85	.....	.....	136	96	.....	.....	110	99	101	94
Jersey.....	5	102	.....	.....	.....	.....	95	83	.....	.....	93	82	90	90
JoDaviss.....	10	90	.....	103	107	100	100	97	110	100	101	97	101	97
Johnson.....	11	89	7	90	.....	.....	105	91	.....	.....	100	94	96	90
Kane.....	30	80	8	96	100	97	98	96	100	97	102	90	100	89
Kankakee.....	13	92	12	93	110	92	107	97	.....	.....	95	90	99	91
Kendall.....	28	78	10	95	125	95	98	82	.....	.....	100	85	100	85
Knox.....	25	96	10	99	95	97	107	92	.....	.....	90	79	102	84
Lake.....	5	92	5	96	100	90	104	90	103	93	90	92	101	87
LaSalle.....	5	82	15	87	105	100	98	86	.....	.....	94	68	99	68
Lawrence.....	27	76	.....	.....	.....	.....	105	94	.....	.....	101	96	102	94
Lee.....	10	94	7	96	106	92	102	92	97	93	95	86	101	86



## GRAIN PROSPECTS--Acreage, Condition, etc.--Continued.

COUNTIES.	WINTER WHEAT.		WINTER RYE.		SPRING WHEAT		OATS		BARLEY.		MEAD 'WS		PASTUR'S	
	Acreage winter-killed, destroyed by floods or Hessian fly	Condition May 1, 1887	Acreage winter-killed, destroyed by floods or Hessian fly	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887	Acreage compared with 1886.	Condition May 1, 1887
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston.....	27	75	10	92	100	85	103	100	.....	.....	98	90	97	86
Logan.....	7	101	.....	100	100	100	106	95	.....	.....	97	93	100	91
Macon.....	9	96	.....	100	110	70	124	92	.....	.....	96	94	97	90
Macoupin.....	6	97	2	97	.....	.....	100	88	.....	.....	97	97	106	95
Madison.....	7	86	10	90	.....	.....	103	100	.....	.....	95	92	103	97
Marion.....	17	87	20	82	.....	.....	141	104	.....	.....	104	97	97	97
Marshall.....	5	90	.....	95	110	92	104	87	100	80	100	85	100	95
Mason..	.....	102	.....	100	100	100	102	93	.....	.....	97	83	90	80
Massac.....	.....	102	.....	80	.....	.....	113	103	.....	.....	102	103	102	103
McDonough..	5	117	5	100	102	100	120	93	.....	.....	97	100	100	100
McHenry.....	.....	.....	5	100	110	100	97	100	95	100	92	80	100	90
McLean.....	5	98	3	95	100	100	98	88	.....	.....	97	86	98	88
Menard.....	5	105	.....	100	.....	.....	103	95	.....	.....	98	83	100	85
Mercer.....	20	85	.....	84	134	83	104	75	.....	.....	103	81	100	83
Monroe.....	10	85	.....	.....	.....	.....	110	100	.....	.....	110	100	100	100
Montgomery.....	5	109	5	100	110	100	105	105	.....	.....	102	104	109	104
Morgan.....	.....	99	.....	96	.....	.....	101	99	100	100	95	95	97	95
Moultrie.....	17	85	.....	.....	.....	.....	112	85	.....	.....	83	80	90	78
Ogle.....	15	92	5	97	107	102	108	98	100	99	100	97	100	95
Peoria.....	10	77	.....	90	97	85	102	63	.....	.....	95	86	97	77
Perry.....	15	77	.....	90	.....	.....	112	100	.....	.....	112	100	103	101
Piatt.....	2	100	.....	100	100	100	110	97	.....	.....	95	100	97	95
Pike.....	.....	112	.....	100	.....	.....	112	87	.....	.....	95	92	100	103
Pope.....	30	92	30	90	.....	.....	107	97	.....	.....	100	95	97	90
Pulaski.....	10	90	.....	100	.....	.....	107	83	.....	.....	107	93	107	95
Putnam.....	12	90	5	91	97	91	105	84	.....	.....	103	81	102	82
Randolph.....	3	100	.....	100	.....	.....	125	97	.....	.....	100	95	113	92
Richland.....	12	75	7	95	.....	.....	112	97	.....	.....	102	90	102	100
Rock Island.....	23	79	12	86	109	95	104	86	102	92	96	87	100	85
Saline.....	22	83	5	100	.....	.....	107	87	.....	.....	100	90	92	62
Sangamon.....	1	104	.....	102	.....	.....	112	94	.....	.....	96	94	96	92
Schuyler.....	9	101	.....	100	.....	.....	107	86	.....	.....	95	77	97	90
Scott.....	5	106	.....	100	.....	.....	95	94	.....	.....	95	98	95	100
Shelby.....	2	103	1	104	.....	.....	100	87	.....	.....	97	102	96	103
Stark.....	25	85	10	90	100	92	104	91	.....	.....	100	85	100	85
St. Clair.....	33	88	.....	100	.....	.....	107	80	.....	.....	103	100	102	100
Stephenson.....	8	93	.....	99	98	98	102	93	99	98	101	92	101	92
Tazewell.....	5	97	.....	100	100	95	107	98	.....	.....	95	88	98	90
Union.....	4	90	.....	.....	.....	.....	105	90	.....	.....	110	90	100	90
Vermilion.....	10	100	.....	100	.....	.....	105	100	.....	.....	85	97	100	85
Wabash.....	10	85	.....	.....	.....	.....	100	90	.....	.....	101	92	100	86
Warren.....	3	95	5	98	98	98	106	94	.....	.....	97	94	101	90
Washington.....	25	87	5	95	.....	.....	122	98	.....	.....	105	100	100	93
Wayne.....	36	51	35	65	.....	.....	131	94	.....	.....	101	81	104	80
White.....	20	62	30	60	.....	.....	109	92	.....	.....	95	85	95	82
Whiteside.....	5	90	7	95	110	87	122	82	.....	.....	100	80	100	85
Will.....	5	98	7	99	100	95	102	94	85	80	94	82	97	86
Williamson.....	22	74	10	95	.....	.....	107	94	.....	.....	97	87	91	85
Winnebago.....	20	78	10	102	102	100	104	97	93	93	102	82	100	76
Woodford.....	25	91	.....	97	102	95	98	95	95	90	92	86	94	84

## CORN ON HAND.

COUNTIES.	Bushels produced 1886.	Percent. 1886 crop in producers' hands May 1, 1887.	Bushels in Producers' Hands, May 1					
			1887	1886	1885	1884	1883	1882
Adams .....	1,868,020	12	224,162	1,016,523	452,519	337,543	356,474	272,765
Alexander .....	283,584	10	28,358	101,717	30,540	35,328	36,954	10,121
Bond .....	1,259,350	16	201,496	151,220	152,010	107,856	252,593	1,150
Boone .....	555,786	11	61,136	163,728	170,644	89,221	106,361	198,153
Brown .....	453,203	20	90,641	351,337	206,430	401,206	152,518	.....
Bureau .....	3,661,350	49	1,794,061	1,282,383	936,264	1,060,812	1,004,858	888,420
Calhoun .....	441,824	10	44,182	210,643	131,200	324,780	125,269	27,928
Carroll .....	1,562,675	22	343,788	538,415	625,347	160,660	552,451	503,760
Cass .....	1,084,500	24	260,280	469,633	294,825	214,700	418,631	243,466
Champaign .....	8,854,200	22	1,947,924	2,405,792	1,480,072	1,956,588	1,114,126	704,000
Christian .....	3,073,104	12	368,772	1,016,013	495,783	212,051	282,709	521,632
Clark .....	1,098,346	29	318,520	307,443	174,720	404,054	240,514	10,499
Clay .....	556,681	22	122,470	84,039	27,514	73,421	315,659	8,751
Clinton .....	315,606	20	63,121	230,382	300,037	416,462	.....	9,028
Coles .....	2,159,000	27	582,930	358,984	137,182	290,705	425,736	208,410
Cook .....	906,759	13	117,880	255,844	269,738	68,522	402,084	101,314
Crawford .....	756,652	26	196,729	268,523	186,521	325,786	241,627	.....
Cumberland .....	907,008	31	281,172	181,667	155,864	235,669	130,645	1,001
DeKalb .....	2,796,668	23	642,234	966,094	913,190	335,703	458,968	933,791
DeWitt .....	2,133,430	17	362,683	493,361	478,878	594,090	498,265	287,210
Douglas .....	2,780,172	27	750,646	794,560	478,825	410,425	623,493	446,985
DuPage .....	682,858	12	81,943	269,141	226,968	.....	68,776	63,711
Edgar .....	3,210,042	17	545,707	717,192	734,208	89,701	277,625	162,444
Edwards .....	310,540	10	31,054	39,077	.....	140,328	230,987	1,770
Effingham .....	853,556	25	213,389	335,712	169,540	94,724	396,778	.....
Fayette .....	1,094,646	12	131,357	279,564	71,518	50,315	343,168	.....
Ford .....	3,439,986	30	1,031,996	584,819	572,410	201,407	963,401	888,355
Franklin .....	633,204	17	107,645	69,109	19,178	18,830	221,014	.....
Fulton .....	2,242,293	21	470,881	941,280	780,403	575,931	437,833	576,243
Gallatin .....	2,059,400	22	453,168	262,905	136,800	192,000	317,726	29,955
Greene .....	1,976,160	35	691,656	780,505	536,319	793,000	1,138,726	500,688
Grundy .....	2,131,032	34	724,551	656,705	680,763	241,599	487,377	494,486
Hamilton .....	685,848	22	150,886	225,612	150,909	77,194	924,445	.....
Hancock .....	2,002,044	17	340,347	534,398	797,704	257,197	91,882	189,232
Hardin .....	258,916	.....	.....	48,233	35,598	36,855	66,742	11,395
Henderson .....	1,355,736	32	433,835	525,997	475,479	355,800	413,951	241,035
Henry .....	2,296,309	16	367,409	749,023	1,227,761	372,310	923,581	792,181
Iroquois .....	6,195,212	23	1,424,899	1,136,850	2,262,902	1,170,628	968,398	895,647
Jackson .....	644,200	17	109,514	.....	105,602	118,249	226,320	.....
Jasper .....	926,802	17	157,556	186,183	59,764	256,276	270,609	.....
Jefferson .....	206,370	10	20,637	278,034	35,992	185,351	194,625	3,722
Jersey .....	935,275	23	215,113	308,690	275,384	454,384	293,752	53,408
Jo Daviess .....	862,640	8	69,011	339,772	247,253	110,179	324,595	161,200
Johnson .....	369,800	23	85,054	120,342	133,518	194,731	147,046	16,560
Kane .....	1,497,339	22	329,414	274,834	460,171	246,208	204,967	636,649
Kankakee .....	2,352,288	37	870,346	891,110	664,277	418,650	610,664	548,664
Kendall .....	1,453,275	33	480,571	458,346	517,359	273,901	741,467	307,769
Knox .....	2,598,450	18	467,721	656,831	774,620	363,712	511,461	938,948
Lake .....	617,787	23	142,091	210,717	123,816	44,214	83,441	177,670
LaSalle .....	5,855,868	28	1,639,643	1,679,115	1,495,579	1,504,608	1,930,442	1,534,786
Lawrence .....	953,085	29	276,395	141,475	180,979	123,144	209,067	11,555
Lee .....	3,628,846	21	762,058	399,780	1,219,270	672,701	1,367,444	1,009,051



## CORN ON HAND—Continued.

COUNTIES.	Bushels produced 1886.	Per cent. 1886 crop in producers' hands May 1, 1887.	Bushels in Producers' Hands, May 1.					
			1887	1886	1885	1884	1883	1882
Livingston .....	5,572,072	28	1,560,180	1,965,933	1,344,131	549,583	1,048,267	2,793,409
Logan .....	4,400,370	32	1,409,118	1,762,435	1,094,695	1,112,069	854,843	1,774,823
Macon .....	3,104,838	27	838,266	1,289,132	990,924	1,058,728	454,700	843,744
Macoupin .....	2,376,616	15	356,492	1,053,552	831,976	467,840	456,421	356,649
Madison .....	1,798,838	22	395,744	1,103,853	663,558	449,074	588,612	18,850
Marion .....	741,095	18	133,397	38,780	112,401	18,086	231,974	-----
Marshall .....	1,820,928	30	546,278	648,720	768,000	620,000	578,491	475,964
Mason .....	1,860,816	18	334,955	...	200,905	128,404	78,615	153,787
Massac .....	392,245	20	78,449	82,158	110,934	54,402	105,764	18,075
McDonough .....	906,870	12	108,824	-----	768,820	442,071	130,626	560,000
McHenry .....	1,713,930	17	291,368	556,983	661,588	113,152	420,807	307,534
McLean .....	6,958,173	27	1,878,707	2,231,522	2,409,904	2,297,361	1,387,087	2,535,000
Menard .....	2,040,150	22	448,832	572,096	206,349	354,145	437,711	517,769
Mercer .....	1,380,808	23	317,586	562,564	523,254	333,144	487,885	560,035
Monroe .....	281,190	30	84,357	181,051	90,490	116,953	103,900	12,083
Montgomery .....	2,523,031	19	479,376	1,007,432	371,567	540,044	534,039	64,412
Morgan .....	3,059,262	24	734,223	1,190,815	871,481	645,921	526,664	622,976
Moultrie .....	1,571,850	18	282,933	469,397	254,671	426,711	261,240	254,776
Ogle .....	2,674,694	23	615,180	1,139,924	1,426,836	342,335	919,522	965,562
Peoria .....	1,683,801	27	454,626	748,384	475,058	196,737	488,045	582,011
Perry .....	47,094	8	3,767	75,970	29,312	31,036	56,504	142
Piatt .....	2,631,847	37	973,783	724,185	309,601	1,660,179	328,532	321,197
Pike .....	2,545,444	25	636,361	751,986	650,070	422,938	586,459	183,511
Pope .....	522,175	32	167,096	119,322	184,621	135,352	154,324	9,240
Pulaski .....	369,330	27	99,719	131,610	52,285	20,533	109,133	-----
Putnam .....	1,017,830	31	315,527	354,169	392,978	383,355	289,821	128,037
Randolph .....	308,341	7	21,584	72,883	114,781	93,843	189,695	49,184
Richland .....	396,000	10	39,600	35,911	68,808	56,479	140,930	-----
Rock Island .....	924,673	17	157,194	364,897	437,110	133,961	147,217	114,932
Saline .....	454,860	13	59,132	128,296	77,785	96,596	156,058	15,905
Sangamon .....	3,429,062	14	480,069	1,511,442	1,197,240	1,328,183	529,640	694,193
Schuyler .....	1,133,030	30	339,909	106,235	214,304	282,777	101,710	331,881
Scott .....	605,421	21	127,138	304,613	179,970	123,754	167,257	271,656
Shelby .....	2,809,212	19	533,750	741,899	279,638	208,421	325,245	280,000
Stark .....	2,099,456	27	566,853	485,200	459,153	287,155	426,737	229,286
St. Clair .....	1,283,172	7	89,822	676,315	448,043	384,530	429,304	71,428
Stephenson .....	1,443,120	23	331,918	626,816	925,543	211,740	637,659	861,079
Tazewell .....	2,753,738	35	963,808	755,418	736,475	587,350	891,414	384,361
Union .....	569,166	40	227,666	186,512	102,960	85,682	189,568	21,000
Vermilion .....	5,387,126	19	1,023,554	1,408,993	961,637	677,873	645,309	239,569
Wabash .....	425,142	14	59,520	96,093	94,660	85,303	122,874	4,219
Warren .....	2,039,205	20	407,841	1,316,336	988,590	440,584	439,826	936,472
Washington .....	193,900	10	19,390	267,582	48,637	817,690	-----	-----
Wayne .....	571,506	14	80,011	120,987	28,257	266,213	597,454	-----
White .....	1,066,725	12	128,007	331,733	104,659	208,549	173,457	5,773
Whiteside .....	1,816,686	30	545,005	797,766	710,368	446,489	669,546	460,792
Will .....	3,093,194	29	897,026	700,368	1,292,166	1,291,752	1,216,454	1,286,625
Williamson .....	614,614	21	129,069	137,400	61,854	88,098	88,116	29,870
Winnebago .....	1,428,520	18	257,134	489,363	534,616	124,436	596,544	681,487
Woodford .....	2,862,162	24	686,919	729,344	948,761	639,456	417,309	795,147
Total or average	182,755,053	24	44,247,096	57,107,027	50,102,262	39,478,621	43,450,857	37,445,964

WHEAT ON HAND.

COUNTIES.	Bushels produced 1886.	Percent 1886 crop in producers' hands May 1, 1887.	Bushels in Producers' Hands, May 1.					
			1887	1886	1885	1884	1883	1882
Adams.....	1,208,656	23	277,991	25,799	300,840	212,498	264,399	143,298
Alexander.....	165,560	7	11,589	2,528	23,886	30,519	18,255	20,536
Bond.....	344,856	13	44,831	2,414	48,891	8,536	105,024	10,506
Boone.....	5,117	6	307	4,570	3,411	4,993		5,463
Brown.....	401,591	17	68,270	26,144	96,462	133,813	135,750	
Bureau.....	39,380	44	17,327	13,627	15,447	5,400	13,020	17,207
Calhoun.....	235,025	20	47,505	7,811	51,657	30,553	26,412	9,953
Carroll.....	10,240	40	4,096	13,347	32,200	6,503		
Cass.....	420,417	17	71,471	18,486	57,987	33,366	49,772	13,626
Champaign.....	334,420	10	33,442	33,656		28,777	82,161	32,520
Christian.....	716,966	6	43,078	6,002	64,971	30,944	119,449	27,386
Clark.....	200,120	21	42,025	10,411	38,603	21,074	137,734	36,486
Clay.....	55,865	30	16,759	9,460	17,237	26,414	98,960	21,757
Clinton.....	592,900	5	29,645	607	54,834	4,988		47,556
Coles.....	263,150	17	44,735	1,380	31,579	12,244	74,518	48,078
Cook.....	2,618			1,395		3,644	2,140	3,410
Crawford.....	303,860	26	78,998	22,355	48,270	25,550	146,983	18,701
Cumberland.....	171,782	24	41,228		89,077	26,311	25,813	42,022
DeKalb.....	4,770	25	1,192	5,501	3,402			
DeWitt.....	38,025	7	2,662	3,365	25,510	11,130	36,570	10,427
Douglas.....	134,740	12	16,169	3,163	39,284	8,294	61,327	28,118
DuPage.....	3,525			2,040	1,101			1,272
Edgar.....	493,010	17	83,982	3,020	93,299	10,289	152,234	81,314
Edwards.....	89,535	15	13,430	5,978	99,132	58,019	46,073	
Effingham.....	187,978	14	26,317	9,767	65,822	43,512	135,823	45,667
Fayette.....	285,888	9	25,730	5,673	45,354	17,943	170,511	27,958
Ford.....	3,744	40	1,497					
Franklin.....	208,383	13	27,103	3,569	8,785	10,059	86,256	11,418
Fulton.....	897,000	27	242,190	59,858	165,875	220,386	144,093	53,579
Gallatin.....	814,568	7	57,020	45,490	86,100	19,421	37,538	11,393
Greene.....	69,468	15	10,420	5,110	155,083	127,706	285,870	148,396
Grundy.....	1,586	6	79		886	416		268
Hamilton.....	121,772	18	21,919	6,848	34,671	11,251	117,864	8,434
Hancock.....	562,360	19	56,448	22,412	94,810	103,976	69,836	18,761
Hardin.....	109,298	10	10,929	4,639	3,969	6,745	29,205	3,704
Henderson.....	104,100	40	41,640	10,402	15,136	14,463	13,184	6,583
Henry.....	9,154	30	2,746	8,945				
Iroquois.....	53,295	20	10,659	12,044	12,573	7,786	19,166	13,677
Jackson.....	507,876	27	137,126		142,218	66,199	131,246	34,365
Jasper.....	96,691	11	11,603	1,361	15,251	13,056	84,240	23,839
Jefferson.....	108,135	7	7,569	20,029	51,570	33,674	143,363	75,132
Jersey.....	35,802	17	6,086	3,420	136,357	45,057	104,331	99,142
JoDavies.....	23,480	15	3,522	11,489	24,592	14,307	7,978	9,527
Johnson.....	196,680	12	23,602	2,435	47,117	47,311	74,435	16,628
Kane.....	3,432	27	927	1,566	3,172	921	1,935	826
Kankakee.....	23,772	25	5,943	1,570	8,799	2,774	8,118	4,411
Kendall.....	3,168	35	1,089	501			1,590	1,435
Knox.....	94,675	12	11,360	5,943		10,887		17,999
Lake.....	5,664	25	1,416	18,103	12,055	6,843	5,151	7,775
LaSalle.....	54,440	23	12,521	18,399	17,280	12,706	77,789	10,769
Lawrence.....	441,616	17	75,075	16,945	56,599	18,437	96,997	44,018
Lee.....	2,125	43	701	4,921	38,190	36,204	13,479	37,462



## WHEAT ON HAND—Continued.

COUNTIES.	Bushels produced 1886.	Per cent. 1886 crop in producers' hands May 1, 1887.	Bushels in Producers' Hands, May 1.					
			1887	1886	1885	1884	1883	1882
Livingston.. .. .	14,814	25	3,706	1,105	2,329	1,052	3,921	2,577
Logan.... .. .	599,485	18	107,907	29,984	64,756	17,133	112,900	44,437
Macon..... .. .	225,074	12	27,009	2,519	81,472	17,259	127,616	58,352
Macoupin..... ..	881,413	11	96,955	3,173	283,932	154,797	126,641	242,808
Madison..... .. .	140,238	12	16,828	5,008	282,540	80,362	242,191	183,480
Marion..... .. .	216,090	16	34,574	13,830	70,138	.....	255,152	12,976
Marshall..... .. .	18,976	30	5,692	.....	.....	3,325	1,773	1,364
Mason..... .. .	562,720	15	84,423	8,541	27,914	29,310	72,757	6,647
Massac..... .. .	268,058	16	42,889	20,191	72,968	10,039	45,522	43,150
McDonough..... ..	70,125	13	9,116	8,396	58,154	23,846	45,900	27,247
McHenry..... .. .	6,832	.....	.....	.....	20,869	14,651	13,702	23,357
McLean..... .. .	82,296	20	16,459	8,738	23,777	23,551	41,931	6,787
Menard..... .. .	549,360	20	109,872	32,521	117,536	14,536	86,347	26,638
Mercer..... .. .	20,050	15	3,007	3,195	777	6,244	3,461	15,777
Monroe..... .. .	917,200	10	91,721	24,482	256,014	122,153	358,382	93,675
Montgomery..... ..	836,970	14	117,276	2,596	142,552	39,228	224,194	43,757
Morgan..... .. .	575,168	12	69,020	9,530	68,460	41,836	81,839	51,552
Moultrie..... .. .	110,880	13	14,414	4,613	22,814	38,464	25,191	655
Ogle..... .. .	40,090	22	8,820	13,577	32,296	7,763	11,243	6,905
Peoria..... .. .	151,752	25	37,938	6,944	27,710	32,548	16,282	17,299
Perry..... .. .	144,030	10	14,403	9,545	48,510	15,708	53,475	12,210
Piatt..... .. .	92,972	10	9,297	5,747	22,409	34,716	30,131	8,516
Pike..... .. .	966,342	12	115,961	10,189	330,001	131,570	293,364	54,337
Pope..... .. .	135,220	23	31,101	5,126	43,400	11,882	52,173	9,739
Pulaski..... .. .	140,023	17	23,804	8,531	24,002	7,386	47,695	18,676
Putnam..... .. .	10,868	24	2,608	3,582	3,456	7,717	4,341	3,475
Randolph..... .. .	643,071	13	83,599	70,344	207,797	83,492	434,340	70,119
Richland... .. .	159,000	10	15,900	3,667	27,895	23,347	85,870	14,606
Rock Island..... ..	6,780	17	1,153	10,987	3,010	.....	3,247	.....
Saline..... .. .	192,868	8	15,429	7,579	25,883	22,088	102,635	27,921
Sangamon..... .. .	656,691	9	59,102	24,499	188,866	32,294	112,691	62,139
Schuyler..... .. .	536,274	30	160,882	32,215	125,577	48,679	81,031	40,769
Scott..... .. .	160,360	17	27,261	789	39,343	10,919	40,433	15,510
Shelby..... .. .	654,440	11	71,088	17,804	158,474	47,923	57,757	4,862
Stark..... .. .	4,128	10	412	2,859	384	.....	341	2,142
St. Clair..... .. .	1,184,733	6	71,084	11,847	332,091	40,832	269,256	21,970
Stephenson..... ..	39,942	27	10,784	22,427	40,474	25,462	39,367	13,121
Tazewell..... .. .	538,582	35	188,504	6,756	101,508	98,478	124,291	35,185
Union..... .. .	283,016	20	56,603	37,657	90,638	63,224	92,268	33,584
Vermilion..... .. .	426,440	8	24,115	10,281	26,713	13,857	166,055	80,834
Wabash..... .. .	315,630	7	22,094	17,456	35,878	17,745	47,240	4,531
Warren..... .. .	16,524	12	1,983	2,824	4,423	3,065	5,029	6,890
Washington..... ..	814,464	17	138,459	73,542	168,567	91,616	451,457	23,562
Wayne..... .. .	125,655	7	8,796	5,287	40,980	13,964	150,480	18,650
White..... .. .	478,152	9	43,034	58,754	85,428	30,643	56,583	7,700
Whiteside..... .. .	8,536	15	1,280	8,170	13,059	8,877	8,488	.....
Will..... .. .	20,034	30	6,010	2,369	3,117	.....	17,472	.....
Williamson..... ..	301,490	15	45,223	5,573	28,664	10,210	58,198	34,174
Winnebago..... .. .	17,622	32	5,639	8,461	27,895	3,645	11,497	1,975
Woodford..... .. .	86,196	15	12,929	3,605	13,100	6,605	22,620	8,606
Total or average...	26,712,138	15	4,000,931	1,201,904	6,350,202	3,208,368	8,174,634	2,924,039





ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-30, 1887.  
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 8-18, 1887.

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## STATISTICAL REPORT

— OF THE —

# Illinois State Board of Agriculture.

— FOR —

## JUNE, 1887.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE  
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE.

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CHARLES F. MILLS, SECRETARY  
SPRINGFIELD.

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CIRCULAR 135.

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SPRINGFIELD, ILL.:  
ILLINOIS STATE JOURNAL COMPANY.  
1887.

# Illinois State Board of Agriculture.

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# ILLINOIS CROP REPORT,

—FOR—

JUNE, 1887.

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Synopsis of the Reports of Correspondents upon the Condition of the Growing  
Crops, Etc.

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ILLINOIS DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, June 1, 1887. }

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of June.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past ten years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

## SEASON.

The Monthly Weather Review of the Department contains detailed information concerning the temperature, precipitation, etc., for the past month, and may be found elsewhere in this report.

## CORN.

The area of corn in the Northern Division of the State is the same as that seeded in 1886. The following counties report an increase in the acreage as noted, as compared with 1886: Carroll, 104; Cook and DeKalb, 101; Grundy, 107; Iroquois, Jo Daviess and Kankakee, 102; Kane and Kendall, 101; Knox, 101; Lake, Livingston, Marshall, Warren and Woodford, 102; Rock Island, 101; Winnebago, 103.

The prospect for a fine crop of corn has not been so good at this date, for a number of years, and, with favorable conditions, the 1887 crop will be very large. The crop was generally planted early, and a large portion of it has been cultivated the second time.

In the Central Division of the State, the area of the 1887 crop is two per cent. larger than that of 1886. The increase is as follows: Adams, 107; Brown, 110; Calhoun, 102; Cass and Christian, 101; Champaign, 102; Clark, 106; Douglas, 110; Edgar, 104; Ford, 103; Macoupin, 101; Montgomery, 103; Morgan and Moultrie, 105; Piatt, 110; Schuyler, 102; Shelby, 105; Tazewell, 107; Vermilion, 102.

The condition of the crop was never better on June 1, than at present. Seed corn was much above the average in quality, and the early spring, with favorable weather, gave the corn a most excellent start, which it will require a very unfavorable summer to counteract.

In the Southern Division the area seeded to corn this spring is one per cent. larger than that of a year ago. The following counties in this section report an increased acreage, as compared to that of 1886: Alexander, 102; Crawford, 101; Effingham, 102; Fayette, 106; Franklin, 105; Gallatin, 107; Hamilton, 109; Hardin, 102; Jackson, 110; Jefferson, 111; Johnson, 105; Massac, 105; Perry, 110; Saline, 102; St. Clair, 102; Wayne, 107; White, 107; Williamson, 106.

The condition of the crop in Southern Illinois is not so good as in other sections of the State, but is slightly better in this Division than last year at corresponding date.

In the following counties the condition is up to or above an average: Alexander, 100; Clinton, 100; Fayette, 120; Franklin, 120; Gallatin, 100; Jackson, 100; Jefferson, 109; Johnson, 106; Massac, 103; Perry, 100; Pulaski, 100; Randolph, 104; Richland, 100; Union, 100; Williamson, 100.

The earliest planted corn appeared above ground April 1, in Hamilton and Monroe counties, but the greater part of the crop did not appear until April 10 to May 1.

## BROOM CORN.

This crop is receiving attention in but thirty-four counties in the State. The area is not quite so large as last year.

The condition of the crop is up to an average in twenty counties; three per cent. less than an average in two counties; five per cent. less in two; seven per cent. less in one; eight per cent. less in one; ten per cent. less in six; thirteen per cent. less in one and twenty per cent. less in one county. In one county—Henry—the prospect is encouraging for but little over half an average crop per acre.

## SORGHUM.

In over three-fourths of the counties in the State more or less attention is paid to the cultivation of sorghum. The area is not so large as in 1886.

The June 1 condition of the crop promises an average, or greater, yield per acre in thirty-nine counties. In most of the remaining forty-one counties in which the crop is cultivated, the prospect is good for from seventy-five per cent. to an average yield per acre.

## WINTER WHEAT.

The condition of winter wheat is not so good in any portion of the State as it was a month ago. In the Northern Division the dry weather has retarded its growth, while in the Central and Southern Divisions there is complaint of damage by Hessian fly and chinch bugs.



The prospect is encouraging for an average yield per acre in but two counties in the Northern Division, Cook and McHenry.

The best showing is made in the Central Division, where the prospect is good for ninety-nine per cent. of an average yield per acre.

In Southern Illinois the June 1 condition promises less than three-fourths of an average yield per acre. In two counties only, Bond and Effingham, is the condition up to an average for this date.

The season has been favorable for the growth of wheat, and harvest will be from one to two weeks earlier than usual.

The condition of winter wheat in each county in the State is given in a table published elsewhere in this report.

## SPRING WHEAT.

The condition of spring wheat in Northern Illinois is not so good as on May 1. In McHenry county alone the condition promises an average yield per acre. In the other counties in this section, the prospect is encouraging for something over three-fourths of an average yield per acre.

In the Central Division but nine counties report any spring wheat, and its condition promises ninety-five per cent. of an average yield per acre.

Attention is called to a table published elsewhere in this report, giving the condition of spring wheat in each county of the State.

## OATS.

The June 1 condition of oats is better than on May 1, except in the Northern Division, where the continued drouth has retarded their growth. In this section the prospect is encouraging for eighty-two per cent. of an average yield per acre.

In Central Illinois the indications promise nearly an average yield per acre. In the following counties an average, or better, yield per acre is anticipated: Adams, 100; Brown, 100; Calhoun, 101; Cass, 101; Christian, 103; Clark, 100; Cumberland, 105; Greene, 102; Morgan, 100; Schuyler, 105; Shelby, 102; Vermilion, 100.

The condition of oats in the Southern Division is much better than at any corresponding date since 1882, and is seven per cent. better than on May 1, 1887. In all except the counties named, the condition promises an average or better yield per acre: Alexander, 95; Crawford, 98; Gallatin, 90; Jasper, 96; Johnson, 86; Massac, 97; Pope, 94; Pulaski, 78; Saline, 97.

In a table published elsewhere will be found the condition of oats June 1, 1887, as well as on the corresponding date for a term of years.

## BARLEY.

About one-fourth of the counties in the State report more or less attention paid to barley. In these counties the area seeded in 1887, as compared to 1886, is as follows: Boone, 104 per cent.; Bureau, 92; Carroll, 97; Cook, 100; DeKalb, 105; DuPage, 97; Henry, 100; Iroquois, 140; Jo Daviess, 100; Kane, 100; Lake, 104; Lee, 95; Livingston, 75; Macoupin, 100; Marshall, 100; McHenry, 95; Monroe, 100; Montgomery, 100; Morgan, 80; Rock Island, 100; Shelby, 90; Stark, 70; Stephenson, 98; Vermilion, 50; Will, 90, and Winnebago 67 per cent.

The condition of barley is as noted viz: Boone, 97 per cent.; Bureau, 70; Carroll, 91; Cook, 100; DeKalb, 82; DuPage, 75; Henry, 67; Iroquois, 100; Jo Daviess, 100; Kane, 70; Lake, 97; Lee, 87; Livingston, 70; Marshall, 85; McHenry, 97; Monroe, 100; Montgomery, 100; Morgan, 100; Rock Island, 90; Shelby, 92; Stark, 80; Stephenson, 71; Vermilion, 100; Will, 80; Winnebago, 75.

## RYE.

Winter rye is not in so good condition as it was a month ago. The prospect is encouraging for but ninety per cent. of an average yield per acre. In McHenry county the condition June 1, is 105 per cent., but in the other counties in Northern Illinois the condition ranges from forty-four to ninety-nine per cent. The crop is more promising in the Central Division of the State, where the present conditions promise ninety-five per cent. of an average yield per acre. The condition is up to or above an average in the Central counties as follows: Calhoun, Cass, Champaign, Coles, Edgar, Logan, Macon, Macoupin, Menard, Montgomery, Morgan, Sangamon, Scott, Tazewell and Vermilion, 100; Green, 105; Cumberland, 107.

In the Southern Division the condition of rye has not changed during the past month. Ninety-two per cent. of an average crop may be expected in this division.

Attention is invited to a table published elsewhere in this report giving the condition of rye in each county in the State.

## FLAX.

Little attention is devoted to flax in Illinois, but twenty counties making any report of it. The area in these counties is somewhat less than in 1886, and the condition of the crop is rather below the average.

## COTTON.

Some attention is paid to this crop in Williamson county, where the area is as large as last year. The condition of the crop is up to an average.

## TOBACCO.

In about one-third of the counties in the State, some attention is paid to the cultivation of tobacco. But one county, Warren, reports an increase in the area of tobacco as compared with last year, while seventeen counties report a material decrease.

The condition of the crop is as follows, viz: Alexander, 100 per cent.; Bond, 87; Clark, 100; Coles, 100; Cook, 100; Crawford, 90; Cumberland, 95; Douglas, 100; Effingham, 99; Fayette, 87; Franklin, 92; Hamilton, 100; Hardin, 100; Jasper, 100; Johnson, 85; Madison, 98; Massac, 100; Monroe, 100; Pope, 75; Pulaski, 50; Randolph, 100; Saline, 90; Sangamon, 95; Shelby, 108; Stephenson, 100; Warren, 105; Washington, 100; Wayne, 100; Will, 80; Williamson, 80.

## MEADOWS.

The area of meadows is not quite so large as in 1886, and the condition is considerably below the average.

The most discouraging reports come from the Northern Division where the June 1 condition is such that less than two-thirds of an average yield of hay may be expected. This is owing to the long continued drouth in this section, which has prevented the growth of grass. The most favorable report from Northern Illinois is from McHenry county, which promises ninety per cent. of an average yield per acre.

In Central Illinois the indications are favorable for ninety per cent. of an average yield per acre. In the following counties in this division the June 1 condition is an average, or better: Greene, 102; Jersey, 101; Montgomery, 103; Piatt, 100; Shelby, 110.

The area of meadows in the Southern Division is nearly as large as last year and their condition is the same as in the Central Division. The best prospect for hay in this portion of the State is as follows: Alexander, 100 per cent.; Effingham, 101; Fayette, 103; Jackson, 100; Marion, 103; Massac, 100; Saline, 105.

A table published elsewhere in this report gives the acreage and condition of meadows June 1, 1887, as well as the June 1 condition for a number of years.



## PASTURES.

The area of pastures in 1887 is the same as in 1886, while their condition is a little below the average. The drouth in Northern Illinois has kept pastures short, and their condition for this section is but little over two-thirds of an average.

A better state of affairs prevails in Central and Southern Illinois, where the June condition is ninety-six and ninety-eight per cent. respectively.

In the following Central counties the June condition is an average, or better: Adams, 102; Cass, 100; Coles, 100; Cumberland, 105; Douglas, 100; Greene, 107; Hancock, 101; Jersey, 102; McDonough, 104; Montgomery, 100; Piatt, 100; Scott, 100; Shelby, 107; Vermilion, 100.

In the Southern Division the condition of pastures is up to, or above, an average as noted: Clinton, 110; Effingham, 102; Fayette, 102; Jackson, 110; Jasper, 100; Jefferson, 107; Marion, 102; Massac, 100; Monroe, 100; St. Clair, 105; Washington, 100; Wayne, 102.

Attention is invited to a table published elsewhere in this report giving the area and condition of pastures June 1, 1887, together with their condition at corresponding date for a term of years.

## IRISH POTATOES.

The area devoted to Irish potatoes in the Northern Division this season is two per cent. larger than in 1883. The counties reporting an increased area are as follows, viz: Carroll, 103; Cook, 105; DeKalb, 101; DuPage, 112; Grundy, 107; Iroquois, 101; JoDaviess, 102; Kane, 108; Knox, 104; Lake, 101; LaSalle, 104; Lee, 103; Marshall, 104; McHenry, 105; Ogle, 105; Peoria, 102; Putnam, 101; Stark, 104; Stephenson, 104; Warren, 103; Whiteside, 103.

The condition of this crop promises nearly an average yield per acre. An average or better yield is expected in Boone county, 103 per cent.; Carroll, 100; Cook, 102; Henry, 100; Iroquois, 106; Lake, 101; LaSalle, 101; Lee, 102; Marshall, 102; McHenry, 105; Mercer, 100; Ogle, 102; Peoria, 102; Rock Island, 101; Stark, 102; Woodford, 103.

In Central Illinois the area is one per cent. larger than in 1886. The increase in this portion of the State is as noted: Adams, 102; Calhoun, 105; Cass, 101; Clark, 101; Coles, 101; DeWitt, 102; Ford, 102; Fulton, 102; Jersey, 102; Macon, 103; McDonough, 112; McLean, 101; Menard, 105; Montgomery, 101; Moultrie, 107; Schuyler, 102; Scott, 102; Shelby, 109; Tazewell, 105; Vermilion, 112.

The condition of Irish potatoes June 1, in Central Illinois, is encouraging for ninety-seven per cent. of an average crop. In the following counties an average, or better, yield per acre is expected: Cass, 101; Coles, 102; Greene, 100; Hancock, 107; McDonough, 104; Menard, 105; Morgan, 101; Moultrie, 100; Pike, 102; Schuyler, 110; Shelby, 108 and Vermilion, 100.

In all except the following counties in Southern Illinois, where the area is as noted, the area of Irish potatoes is as large as last season: Clay, 95 per cent.; Clinton, 85; Jefferson, 97; Lawrence, 99; Pope, 90; Williamson, 99.

The condition of the crop in this portion of the State is a little better than in the Northern and Central Divisions, and has not been better at this date since 1882.

In the counties named below an average, or better, yield per acre may be expected: Alexander, 105; Bond, 101; Edwards, 105; Fayette, 102; Franklin, 103; Gallatin, 100; Hamilton, 104; Hardin, 100; Jackson, 110; Jasper, 102; Lawrence, 100; Marion, 105; Massac, 100; Perry, 100; Randolph, 104; Richland, 100; Wabash, 100; Williamson, 102.

## SWEET POTATOES.

The area of sweet potatoes is as large, or larger, than last season in the following counties: Alexander, 105; Brown, 100; Carroll, 100; Cass, 100; Champaign, 100; Christian, 100; Clay, 100; Coles, 100; Crawford, 100; Cumberland, 100; DeWitt and Edgar, 100; Edwards, 100; Effingham, 100; Fayette, 100; Franklin, 100; Gallatin, 100; Grundy, 100; Hamilton, 100; Hancock, 100; Henry, 100; Jasper, 102; Jefferson, 103; Jersey, 100; Kankakee, 110; LaSalle, 100; Lawrence, 100; Lee, 100; Livingston, 100; Logan, 100; Macon, 100; Macoupin, 100; Marion, 107; Mason, 102; McDonough, 100; McLean, 101; Mercer, 100; Monroe, 100; Montgomery, 100; Morgan, 100;

Moultrie, 100; Ogle, 100; Peoria, 100; Piatt, 100; Pike, 100; Pulaski, 100; Putnam, 100; Randolph, 101; Richland, 105; Rock Island, 100; Sangamon, 100; Schuyler, 100; Scott, 100; Shelby, 104; Stark, 105; Tazewell, 100; Vermilion, 100; Warren, 105; Washington, 100; Wayne, 100; Woodford, 100. In the other counties in the State the area is less than last season.

The condition of the crop promises an average or better yield per acre as noted. Alexander, Brown, Carroll, Cass, Champaign, Christian, Clay, Coles, Edwards, Gallatin, Hamilton, Hancock, Jasper, Jefferson, LaSalle, Lawrence, Marshall, Mason, Massac, McDonough, Monroe, Montgomery, Morgan, Moultrie, Ogle, Peoria, Pike, Pulaski, Randolph, Richland, Rock Island, Sangamon, Schuyler, Scott, Stark, St. Clair, Tazewell, Vermilion, 100; Cumberland, 101; Fayette, 105; Henry, 105; Kankakee, 105; McLean, 101; Piatt, 102; Shelby, 103; Warren, 105.

## FRUIT.

Tables published elsewhere in this report give the amount of bloom and the June 1 condition of apples, peaches, pears, plums, cherries, grapes, strawberries, raspberries, blackberries, gooseberries and currants.

## APPLES.

Only about one-third of the counties in the State report an average amount of bloom on apple trees. In the following counties the bloom was above an average as noted: Alexander, 110; Christian, 111; Clark, 106; Edgar, 104; Edwards, 120; Fayette, 106; Ford, 102; Hamilton, 104; Jackson, 105; Jefferson, 106; Lake, 107; Lawrence, 104; Macoupin, 103; Marion, 102; Marshall, 110; McHenry, 105; Montgomery, 104; Moultrie, 102; Perry, 105; Piatt, 102; Pulaski, 105; Scott, 107; Shelby, 106; Union, 110; Wayne, 112.

The condition of apples June 1 is much below an average in the great majority of counties. The crop is in average condition only in the counties named below: Alexander, 100; Hamilton, 101; Jackson, 110; Lake, 100; Randolph, 106. The late frosts did great damage to apples and all other fruits, causing the bloom to fall.

## PEACHES.

The amount of peach bloom in the fifty-two counties which report on this fruit was up to or above an average in half the counties, and much below the average in the other counties.

The condition of the fruit is very poor, but nine counties being up to an average.

## PEARS.

In over half the counties which report on pears the amount of bloom was up to an average, and in all but seven there was three-fourths, or more, of an average amount of bloom.

The June condition of this fruit is such that three-fourths of an average crop may be expected in the following counties: Bond, 80 per cent; Brown, 90; Cass, 75; Clay, 75; Clinton, 100; Cook, 75; Cumberland, 100; DeWitt, 90; DuPage, 90; Edgar, 75; Fayette, 88; Fulton, 95; Greene, 95; Hamilton, 90; Hardin, 100; Jasper, 77; Johnson, 95; Lake, 100; Lawrence, 82; Logan, 90; Macon, 75; Macoupin, 79; Madison, 90; Massac, 100; McHenry, 100; Morgan, 90; Ogle, 100; Pope, 97; Randolph, 96; Saline, 93; Schuyler, 100; Scott, 100; St. Clair, 100; Union, 90; Vermillion, 75; Washington, 97; White, 77; Will, 75; Williamson, 79; Woodford, 80.

## PLUMS.

In all except the following counties, where the bloom was as noted, there was an average or better bloom, viz: Bond, 99; Bureau, 60; Coles, 99; Cumberland, 80; DeWitt, 65; Effingham, 87; Franklin, 94; Greene, 80; Grundy, 65; Hancock, 52; Henry, 83; Jasper, 90; Jeffer-



son, 87; JoDaviess, 98; Kane, 90; Kankakee, 62; Lee, 78; Macon, 87; Macoupin, 97; Madison, 85; Mason, 85; McDonough, 92; McLean, 85; Menard, 50; Mercer, 90; Monroe, 60; Montgomery, 99; Morgan, 75; Ogle, 90; Pike, 92; Pulaski, 75; Putnam, 80; Randolph, 95; Rock Island, 95; St. Clair, 70; Stephenson, 88; White, 97; Will, 95; Williamson, 97; Winnebago, 77; Woodford, 75.

The June condition of plums is very poor, and does not promise much over three-fourths of a crop. In all except the counties named, the condition is less than seventy-five per cent: Bond, 78; Clinton, 110; DeWitt, 90; Fulton, 100; Gallatin, 80; Hamilton, 84; Hardin, 100; Jackson, 100; Jasper, 87; JoDaviess, 79; Johnson, 93; Kane, 75; Lake, 75; LaSalle, 75; Lee, 77; Logan, 87; Macoupin, 81; Madison, 80; Massac, 117; McDonough, 75; McHenry, 100; Ogle, 90; Perry, 100; Pike, 85; Pope, 100; Pulaski, 75; Randolph, 94; Saline, 97; Scott, 75; Stark, 86; St. Clair, 85; Tazewell, 100; Union, 95; Vermilion, 100; Washington, 103; Whiteside, 75; Will, 80.

## CHERRIES.

There was an average, or better, bloom of cherries in one-fourth of the counties in the State; in nearly one-half of the counties there was from three-fourths to an average amount of bloom, and in the remaining fourth from thirty-four to seventy-five per cent. of an average amount.

The June 1 condition promises a full average yield in the following counties only, viz: Carroll, 100; Clinton, 100; Hardin, 110; Jackson, 100; Pope, 100; St. Clair, 100.

The prospect is not encouraging for much over half a crop of cherries.

## GRAPES.

There was over three-fourths of an average amount of bloom on the grape vines this spring, in all except the following seven counties: Hardin, 62; Henderson, 50; Henry, 70; Kane, 60; Kendall, 69; Lawrence, 66; Menard, 72; St. Clair, 72; Whiteside, 72.

The June 1 condition of grapes gives promise of an average crop in the following counties: Alexander, 100; Bond, 101; Carroll, 100; Champaign, 100; Clinton, 100; Cook, 105; DeWitt and Douglas, 100; Jefferson, 103; JoDaviess, 102; Kendall, 100; Lake, 101; Lawrence, 100; Marshall, 100; Monroe, 100; Moultrie, 100; Piatt, 100; Saline, 100; Schuyler, 102; Scott, 107; Stark, 102; Vermilion and Wabash, 100; Warren, 103; Wayne, 100; Woodford, 100.

## STRAWBERRIES.

There was an average, or better, bloom of strawberries, in only about one-third of the counties in the State, and the crop was quite short. Only nine counties report an average yield, viz: Brown, 100; Calhoun, 100; Clark, 102; Clinton, 100; Edgar, 107; Hardin, 100; Lake, 101; Monroe, 100; St. Clair, 100.

## RASPBERRIES.

About one-third of the counties report an average, or better, amount of bloom this spring. The June 1 condition promises an average yield in about one-fourth of the counties, and from one-half to three-fourths of a crop, in half the counties. The most discouraging outlook is in the counties named below, viz: Bureau, 71; Christian, 57; Ford, 65; Henry, 67; Marshall, 70; Menard, 62; Will, 66.

## BLACKBERRIES.

There was an average or better amount of blackberry bloom, in only about one-third of the counties, as follows: Adams and Alexander, 100; Brown, 100; Clinton, 110; Crawford, 102; DeWitt, Douglas and DuPage, 100; Edwards, 105; Grundy and Hamilton, 100; Jackson,

Jasper, Lake, Massac, McHenry, Monroce, Ogle, Pope, Pulaski, Putnam and Randolph, 100; Saline, 103; Schuyler, 100; Shelby, 103; St. Clair, 102; Union, 100; Wabash, 100; Washington, 102; Williamson, 100.

An average yield of berries may be expected as follows: Adams and Alexander, 100; Clinton, 110; Coles, Douglas, DuPage, Edwards, Franklin, Grundy, Hamilton, Jackson, Jasper, Lake, Massac, McHenry, Monroe, Montgomery, Pope, Pulaski, Putnam, St. Clair, Wabash and Williamson, 100; Shelby, 103; Union, 102.

## GOOSEBERRIES.

In only about one-tenth of the counties will there be an average crop of gooseberries. In the remaining counties there will not be much over three-fourths of a crop.

## CURRANTS.

The bloom on currants was comparatively light this year, and the currant worm has done so much damage that the yield will be unusually small. The most encouraging prospect is in the following counties: Calhoun, 100; McHenry, 105; Monroe, 100; Pope, 100.

### CURRANT WORM.

The following questions in regard to the currant worm were sent out to the leading horticulturists in the State, from whom replies have been received as follows:

“1st. To what extent are the currant bushes injured ?

2d. How many years has the currant worm infected the bushes in your vicinity ?

3d. Have you found any application that can be used successfully without injury to the fruit? ”

A reply from Manteno states:

1st—That the bushes are all stripped of their leaves and many of them will die. Others will bear no fruit for two years at least.

2d—Two years.

3d—White hellebore has been used successfully, without doing any damage. Brine has also been used with good results.

A report from Aledo says:

1st—Only to a very limited extent.

2d—Some two or three years ago they appeared in a few gardens.

3d—Hellebore has been used, but after the applications it is believed that the fruit can not be safely used, at least not until after several rainfalls.

Minier reports:

1st—We have none, nor do I hear of any complaint.

3d—Ashes at the root.

Hamilton:

1st—I have seen or heard of no injury from them.

Warsaw:

1st—A careful examination of my own bushes fails to show a single worm.

Villa Ridge:

1st—Totally destroyed by insects in the root. No currants grown here for the last ten or fifteen years.

Mt. Vernon:

1st.—No trouble from them.

## LIVE STOCK.

That the live stock interest is a growing one in Illinois is evidenced by the increased area of pastures from year to year in a majority of the counties in the State. Our intelligent farmers are fast learning that the high standard of fertility of our rich prairie soil is best maintained by a judicious “rotation of crops,” and experiment has proved that while all the



products of the soil draw from it more or less of the *vital* elements, live stock breeding returns to it immediately a larger proportion of those elements than any other kind of farming.

The quality of the stock in the State is steadily improving, and more care is being paid to the quality of breeding stock.

A bill has recently passed the State legislature entitled "A bill for an act to protect stock-breeders within the State of Illinois," a copy of which is published elsewhere in this report.

## COLTS.

In the following counties in the State there is an increase in the number of foals compared with last season, as noted: Alexander, 105; Clark, 107; Clay, 102; Cumberland, 101; DeKalb, 102; DuPage, 101; Edwards, 105; Effingham, 104; Fayette, 107; Hancock, 102; Jasper, 102; Jefferson, 107; Johnson 101; Knox, 101; Lawrence, 103; Lee, 102; Logan, 101; Macon and Macoupin, 104; McDonough, 102; Menard, 103; Montgomery, 102; Perry, 105; Pike, 105; Saline, 102; Schuyler, 105; Scott, 107; Shelby, 107; Stark, 102; St. Clair, 102; Tazewell, 102; Vermilion, 105; Wabash, 101; Warren, 101; Wayne, 103; Whiteside, 105.

The number of foals in the remaining counties in the State was less than last season, except in the following counties, where the number was the same as in 1886, viz: Boone, Clinton, Coles, Douglas, Hamilton, Jackson, Mason, Monroe, Ogle, Piatt, Pulaski, Washington and Will.

A table published elsewhere in this report gives the number and condition of colts in each county in the State. Colts are nearly up to an average in condition in every county in the State.

## CALVES.

The number of calves is as large, or larger, than last season in the following counties: Alexander, Champaign, Clinton, Cook, DeWitt, Douglas, Fulton, Gallatin, Greene, Hamilton, Knox, Lake, Macon, Madison, Mason, Massac, Menard, Ogle, Rock Island, Schuyler, Scott, Union, Vermilion, Whiteside, Will and Woodford, 100; Cumberland, Hancock, Henry, Iroquois, Lawrence and St. Clair, 101; DeKalb, DuPage, Lee, Montgomery, Piatt, Pike, Randolph, Wabash and Washington, 102; McDonough and McLean, 103; Macoupin, 104; Grundy, Jackson and Tazewell, 105; Morgan, 107; Shelby, 108; Monroe, 110; Pulaski, 120. In the remaining counties in the State, the number of calves is from seventy-five per cent. to an average.

In two-thirds of the counties the condition of calves is an average or better, and in the other counties they are nearly up to an average.

## PIGS.

There is a decrease in the number of pigs this season, but twelve counties reporting as many as in 1886, viz: Effingham, 100; Fayette, 103; Franklin, 102; Johnson, 101; Kendall, 102; Lee, 103; McLean, 115; Monroe, 100; Pulaski, 110; St. Clair, 100; Vermilion, 112; Warren, 100.

In the other counties the number is from one to fifty per cent. less than last year. The condition of pigs is not quite so good as usual at this date.

## LAMBS.

But few counties report an increase in the number of lambs o last season. The greatest increase is in the following counties, viz: Carroll, 125; Cumberland, 110; Fayette 103; Jackson, 110; LaSalle, 101; McLean, 106; Mercer, 117; Morgan, 105; Pulaski, 110; Putnam, 102; Schuyler, 102; Union, 102; Wayne, 103. Twenty-eight counties report the number of lambs the same as last year, and the remaining counties show a decrease in number.

The condition of lambs is good, but few counties being below the average.

## AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past ten years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

*Secretary.*



## AN ACT TO PROTECT STOCKBREEDERS WITHIN THE STATE OF ILLINOIS.

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SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly,* That in order to protect farmers in this State against damage resulting from breeding to sires advertised with bogus or fraudulent pedigrees, and to secure to the owner of sires payment for service, the following provisions are enacted: That every owner of a sire charging a service fee, in order to have a lien upon the get of any such sire under the provisions of this act for said service, shall file a statement, verified by oath or affirmation to the best of his knowledge and belief, with the Secretary of the State Board of Agriculture, giving the name, age, description and pedigree, as well as the terms and conditions upon which such sire is advertised for service.

§ 2. The Secretary of the State Board of Agriculture, upon the receipt of the statement as specified in section one (1) of this act, duly verified by affidavit, shall issue a certificate to the owner of said sire, a copy of which certificate shall be forwarded to the clerk of the county court in which said sire is stationed or located, and another copy furnished the applicant, which shall be posted by the owner in a conspicuous place where said sire may be stationed, which certificate shall state the name, age, description, pedigree and ownership of said sire, the terms and conditions upon which the sire is advertised for service, and that the provisions of this act so far as relates to the filing of the statement aforesaid have been complied with.

§ 3. The owner or owners of any sire receiving such certificate, by complying with section one (1) of this act, shall obtain and have a lien upon the get of any such sire for the period of four months from date of birth of get: *Provided*, said owner or owners shall, within six months of the time of the rendition of such service by such certified sire, file for record a statement of account verified by affidavit or affirmation with the recorder of the county wherein the service has been rendered, of the amount due such owner or owners for said service, together with a description of the female served.

§ 4. No get of any such sire shall be exempt from levy and sale under execution issued upon a judgment obtained in any court of competent jurisdiction for said service: *Provided*, that the court rendering such judgment shall find and certify in the record of the same that the plaintiff or plaintiffs have complied with the provisions of this act, and that the progeny sought to be levied upon is subject to the lien herein created: *And, provided further*, that said finding, together with a description of the dam of the progeny so liable to such lien, shall be endorsed upon the execution.

§ 5. For filing certificate, making copy of such affidavit or affirmation, the certificate of the date of such filing, the clerk or recorder shall be entitled to the same fees as are provided by law for like service in regard to chattel mortgage.

§ 6. The Illinois State Board of Agriculture shall have the power to make such charge for certificates as may be necessary to cover the expense of executing the law, and the Treasurer of the State Board of Agriculture after paying the office expenses, printing, etc., incident to executing the provisions of this act, shall pay into the treasury of the State any surplus remaining in his hands on account of fees received under the provisions of this act.

§ 7. The Commissioners of State Contracts shall have such a number of the annual reports printed and bound in third class binding as may be deemed advisable by the State Board of Agriculture to obtain the greatest benefits to the breeders of improved stock in this State, under the provisions of this act, said reports to contain copies of certificates issued, and such other data of special interest to live stock breeders as said Board of Agriculture may designate for publication therein.

APPROVED June 10, 1887.

## CORRESPONDENTS' REMARKS.

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**ADAMS**—The prospect for a large yield per acre of corn was never better than this season. The area has been increased about ten per cent. over that of last year. Sorghum is doing well. Winter wheat promises about four-fifths of an average yield per acre. Harvest will commence earlier than usual. Oats and rye have made splendid growth during the past month. Timothy meadows are not in good condition, owing to the drouth last fall. Clover meadows and pastures are fully up to the average of June 1 in condition. Irish and sweet potatoes are making fair growth; the area devoted to the potato crops being about the same as last season. There will be a fair fruit crop. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 45; peaches, bloom 100, condition 40; pears, bloom 80, condition 70; plums, bloom 100, condition 40; cherries, bloom 90, condition 50; grapes, bloom 92, condition 80; strawberries, bloom 102, condition 75; raspberries, bloom 95, condition 87; blackberries, bloom 100, condition 100; gooseberries, bloom 77, condition 50; currants, bloom 87, condition 75. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 75, condition 62; lambs, number 97, condition 95; calves, number 90, condition 92; colts, number 85, condition 97. The average price of colts at weaning time is \$42; cost of service, \$15. About 5 per cent. of the foals die before weaning time.

**ALEXANDER**—The early planting of corn made its appearance above ground on May 5, and the general condition of the growing crop is up to an average for June 1. Broom corn and sorghum are doing well. Winter wheat promises nearly an average yield per acre. There is some complaint of the Hessian fly damaging the wheat. Oats and rye are making fine growth. Tobacco is looking well, and has an area a little less than that of last season. Meadows and pastures have made great improvement since the recent rain, and are about an average in condition. There will be a very large yield of fruit of all kinds. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Ap-

ples, bloom 110, condition 100; peaches, bloom 100, condition 100; pears, bloom 100, condition 20; plums, bloom 100, condition 33; grapes, bloom 100, condition 100; strawberries, bloom 90, condition 35; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 105. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 95, condition 100; lambs, number 100, condition 100; calves, number 100, condition 105; colts, number 105, condition 110. The average price of colts at weaning time is \$40; cost of service, \$7. About 6 per cent. of the foals die before weaning time.

**BOND**—The early corn made its appearance above ground about the 20th of April; the stand is good; the area is not quite as large as that of last season. Sorghum is not quite up to an average in condition for June 1. Winter wheat promises a much larger yield per acre than an average; its general condition is better than for several years past at this date. Oats and rye have made good growth the past month. The limited area devoted to tobacco in this county is not up to the usual condition for June 1. Meadows and pastures are in good condition. There is a very fair prospect for apples and all the small fruits. There will be a few peaches. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 94, condition 78; peaches, bloom 59, condition 56; pears, bloom 82, condition 80; plums, bloom 96, condition 78; cherries, bloom 92, condition 78; grapes, bloom 101, condition 101; strawberries, bloom 87, condition 82; raspberries, bloom 100, condition 96; blackberries, bloom 88, condition 96; gooseberries, bloom 98, condition 86; currants, bloom 89, condition 92. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 93, condition 105; lambs, number 92, condition 101; calves, number 99, condition 102; colts, number 97, condition 93. The average price of colts at weaning time is \$37; cost of service, \$9. About 7 per cent. of the foals die before weaning time.



**BOONE**—The area devoted to corn is about the same as last season and its condition is above the average for June 1. There is some complaint of the cut-worm injuring the corn in the southern part of the county. Corn made its first appearance May 5. The broom corn area is fully one-fifth less than that of last season, and condition is nearly up to the average. Winter wheat promises about three-fourths of an average yield per acre. Harvest will be earlier than usual. Spring wheat, oats and rye is in about average condition for June 1. The area seeded to barley and flax is about the same as last season and its condition is good. The condition of meadows is not encouraging for more than two-thirds of an average yield per acre. Pastures are very backward owing to the drouth. The usual area has been seeded to Irish potatoes, the condition is above the average for June 1. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 70, condition 49; cherries, bloom, 62, condition 10; grapes, bloom, 85, condition 82; strawberries, bloom, 89, condition 81; raspberries, bloom, 81, condition 80; blackberries, bloom, 73, condition 75; gooseberries, bloom, 80, condition 75; currants, bloom, 30, condition 30. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 89, condition 89; lambs, number, 89, condition, 97; calves, number, 91, condition, 89; colts, number, 100, condition 96. The average price of colts at weaning time is \$42; cost of service, \$12. About 9 per cent. of the foals die before weaning time.

**BROWN**—The area devoted to corn this season is about ten per cent. larger than that of last year; the early planting made its first appearance above ground about May 10, and the general condition of the growing crop is up to an average for June 1. Sorghum is a little backward, and has an area equal to that of last season. Winter wheat promises a full average yield per acre, and harvest will be earlier than usual. Oats and rye have made good growth during the past month. Owing to want of rain, grasses have not made the usual growth for this date. Irish and sweet potatoes are doing well, and have an area equal to that of last season. The fruit prospect is fair for every variety except peaches and pears. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 80, condition 50; pears, bloom 90; condition 80; cherries, bloom 70, condition 50; grapes, bloom 90, condition 90; strawberries, bloom 100, condition 100; raspberries, bloom 100; condition 90; blackberries, bloom 100, condition 90; gooseberries, bloom 80, condition 80; currants, bloom 60, condition 50.

**BUREAU**—The corn crop was never planted under more favorable conditions than this season. The area is equal to that of last spring, and the condition is fully up to the average of June 1. Corn made its first appearance above ground April 25. Sorghum is looking well and the condition is nearly up to an average for June 1. The prospect for winter wheat is not as encouraging as on May 1, owing to the long continued drouth. Spring wheat, oats and rye have suffered for the want of rain, and do not promise more than three-fourths of an average yield per acre. The area devoted to barley is about

the same as last season; the condition is much below the average for June 1. The prospect for a hay crop has seldom been as discouraging as this season. Pastures are very short, having suffered for want of rain. The area devoted to Irish potatoes is but little over two-thirds of that of last season, and the condition is below the average for June 1. There is a fair prospect for fruits. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 56, condition 61; plums, bloom, 60, condition 57; cherries, bloom, 65, condition 55; grapes, bloom, 87, condition 95; strawberries, bloom, 82, condition, 76; raspberries, bloom, 71; condition, 71; blackberries, bloom, 63, condition 71; gooseberries, bloom, 70; condition 72; currants, bloom, 67; condition 64. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs number 76, condition 90; lambs number 77, condition 96; calves number 90, condition 113; colts number 94, condition 95. The average price of colts at weaning time is \$37; cost of service, \$13. About 7 per cent of the foals die before weaning time.

**CALHOUN**—The area planted to corn is somewhat increased over that of last season and the prospect is encouraging at this time for a full average yield per acre. The condition of winter wheat is above the average; harvest will commence about June 20. Spring wheat, oats and rye never looked better at this season of the year. Meadows and pastures are above the average in condition. The area devoted to Irish potatoes is increased over that of last season, condition about an average for June 1. The fruit prospect is only fair. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 68, condition 35; peaches, bloom, 37, condition 10; pears, bloom, 100, condition 25; plums, bloom, 100, condition 50; cherries, bloom, 80, condition 65; grapes, bloom, 87, condition 97; strawberries, bloom, 100, condition 100; raspberries, bloom, 100, condition 100; blackberries, bloom, 50, condition 50; gooseberries, bloom, 100, condition 100; currants, bloom, 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 98, condition 95; lambs, number, 100, condition 100; calves, number, 85, condition 100; colts, number, 95, condition 100. The average price of colts at weaning time is \$30; cost of service, \$7. About 5 per cent. of the foals die before weaning time.

**CARROLL**—Corn made its first appearance above ground May 1. The acreage is increased over that of last season and the condition is above the average for June 1. Cut-worms and the root-web worm have greatly injured the corn planted on old meadow ground; many fields requiring replanting the second and third time. The limited area seeded to winter wheat in this county does not promise more than four-fifths of an average yield per acre. The condition of spring wheat, oats and rye is below an average for June 1. The area seeded to barley is about the same as last season, but the condition is below an average for this season of the year. The drouth has greatly damaged the prospect for hay and pasturage. The area devoted to



Irish and sweet potatoes is about the same as last year and condition of the crops good. There will be a large yield of all kinds of small fruits, and a fair yield of apples, plums, cherries and grapes, but no peaches. The percentage of bloom this spring, and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 62, condition 62; plums, bloom, 100, condition 57; cherries, bloom, 100, condition 100; grapes, bloom, 100, condition 100; strawberries, bloom, 100, condition 92; raspberries, bloom, 100, condition 102; blackberries, bloom, 87, condition 75; gooseberries, bloom, 100, condition 100; currants, bloom, 67, condition 67. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 88, condition 98; lambs, number 125, condition 110; calves, number 87, condition 100; colts, number 75, condition 100. The average price of colts at weaning time is \$45; cost of service, \$12. About 10 per cent. of the foals die before weaning time.

CASS—The early corn made its appearance above ground April 25. The condition of the soil is good and the plant has made unusual growth for June 1. The area is about the same as that of last season. More care than usual was taken in the selection of seed corn. The area devoted to sorghum is not as large as last season, and the condition of the growing crop is only fair. Winter wheat looks better than usual for June 1, and a larger yield per acre than an average may be expected. Oats and rye are above the average in condition, having made strong vigorous growth during the past month. The drouth during March and April damaged meadows and pastures to some extent, but at this time they have nearly reached an average condition. The area devoted to Irish and sweet potatoes is about the same as last season and the condition is above an average. There is a fair prospect for every variety of fruit except peaches. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 66, condition 66; pears, bloom, 75, condition 75; plums, bloom, 100, condition, 60; cherries, bloom, 72, condition 69; grapes, bloom, 83, condition 98; strawberries, bloom, 94, condition 80; raspberries, bloom, 72, condition 87; blackberries, bloom, 76, condition 97; gooseberries, bloom, 84, condition 95; currants, bloom, 72, condition 80. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number, 98, condition 103; lambs, number, 100, condition 100; calves, number, 98, condition 100; colts, number, 95; condition 100. The average price of colts at weaning time is \$45; cost of service, \$13. About 7 per cent. of the foals die before weaning time.

CHAMPAIGN—Corn planted on sod land was nearly all destroyed by cut-worms during the past month, and had to be replanted. Corn planted on old land is clean and in fine condition, and nearly all of it has been plowed the second time. The early corn made its appearance above the ground May 1. The area devoted to broom corn and sorghum is about the same as last season and condition good. Winter wheat is above an average in condition, and a large yield per acre may be expected. Oats and rye are doing well.

Meadows and pastures are not quite up to the average in condition, owing to the continued drouth in April. The area devoted to Irish and sweet potatoes is about the same as last season; both crops have good growth during the past month. There is a fair prospect for every variety of fruit except peaches. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 94, condition 46; pears, bloom 100, condition 40; plums, bloom 100, condition 40; cherries, bloom 100, condition 38; grapes, bloom 95, condition 66; raspberries, bloom 100, condition 94, blackberries, bloom 95, condition 96; gooseberries, bloom 100, condition 61; currants, bloom 100, condition 49. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage and are as follows: Pigs, number 96, condition 102; lambs number 100; condition 100; calves, number 100, condition 100; colts, number 99, condition 97. The average price of colts, at weaning time is \$47; cost of service, \$14. About ten per cent. of the foals die before weaning time.

CHRISTIAN—The area devoted to corn is slightly larger than that of last season; the stand is good and much of the growing crop has been cultivated the second and third time. The early corn made its appearance above ground May 1. Sorghum cane is in fine condition and has an area equal to that of last season. Winter wheat promises more than an average yield per acre; harvest will commence about the 15th of June. Oats and rye have made the usual growth for June 1. Meadows and pastures suffered to some extent from a want of rain during March and April, but at this time are making good growth. Irish and sweet potatoes are looking well and have about the same area as last year. There is a fair prospect for all kinds of fruit except peaches. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 11, condition 42; peaches, bloom 8, condition 4; pears, bloom 95, condition 37; plums, bloom 100, condition 27; cherries, bloom 95, condition 32; grapes, bloom 91, condition 93; strawberries, bloom 99, condition 55; raspberries, bloom 90, condition 57; blackberries, bloom 98, condition 75; gooseberries, bloom 100, condition 83; currants, bloom 97, condition 88. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 90, condition 100; lambs, number 97, condition 101; calves, number 96, condition 99, colts, number 94, condition 97. The average price of colts at weaning time is \$44; cost of service, \$15. About 6 per cent. of the foals die before weaning time.

CLARK—There is an increase in the area devoted to corn this season when compared to that of last year; the general condition is good; the early corn made its appearance about the 12th of May. Broom corn and sorghum have made fine growth during the past month. Winter wheat promises nearly an average yield per acre. There is some complaint of the chinch bug and fly. Wheat is heading out very low, owing to the continued dry weather during April and the early part of May. Oats and rye are in fair average condition for June 1. Tobacco has made the usual growth for June 1, and has an area equal to that of last season. Meadows and pastures are a little backward, owing



to the continued dry weather. Irish and sweet potatoes have made a good growth during the past month, and have an area equal to that of last season. There is some complaint of the Colorado potato bug working on the crop. Nearly every variety of fruit promises an average yield. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 106, condition 44; peaches, bloom 125, condition 62; pears, bloom 95, condition 38; plums, bloom 103, condition 39; cherries, bloom 98, condition 62; grapes, bloom 97, condition 94; strawberries, bloom 107, condition 102; raspberries, bloom 109, condition 107; blackberries, bloom 94, condition 84; gooseberries, bloom 62, condition 69; currants, bloom 75, condition 57. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 87, condition 89; lambs, number 90, condition 102; calves, number 99, condition 100; colts, number 107, condition 100. The average price of colts at weaning time is \$39; cost of service, \$11. About 4 per cent. of the foals die before weaning time.

CLAY—There is a reduction of twenty per cent. in the area planted to corn as compared to that of last season; the early planting made its appearance above ground May 1. More care was taken than usual in the selection of seed corn. The soil is in fine condition and much of it has been cultivated the second time. Sorghum is doing well, and has an area equal to that of last season. Winter wheat promises but little over fifty per cent. of an average yield per acre. The chinch bug is injuring the wheat at this time. Oats and rye are doing well. Flax is in fair average condition, and has an area equal to that of last season. Meadows and pastures are in fine condition, but need rain at this time. Owing to the late frosts in April, a large portion of the apple bloom fell off. The fruit crop will not be large. Irish and sweet potatoes have made good growth during the past month, and have an area equal to that of last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 88, condition 53; peaches, bloom 87, condition 60; pears, bloom 100, condition 75; plums, bloom 100, condition 50; cherries, bloom 100, condition 90; grapes, bloom 80, condition 80; strawberries, bloom 92, condition 62; raspberries, bloom 100, condition 93; blackberries, bloom 95, condition 80; gooseberries, bloom 75, condition 67; currants, bloom 55, condition 55. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 82, condition 91; lambs, number 90, condition 100; calves, number 97, condition 109; colts, number 102, condition 102. The average price of colts at weaning time is \$39; cost of service, \$9. About 8 per cent. of the foals die before weaning time.

CLINTON—The growing crop of corn is in a fair condition for June 1; the early planting made its appearance May 5; the area devoted to this crop is about ten per cent. less than that of last season. Oats and rye have made unusual growth and promise a better yield per acre than an average. Meadows are in very poor condition, especially timothy meadows. Pastures have made good growth and are above the average for June

1. Irish and sweet potatoes cover a smaller area than last season and are not up. The fruit prospect is fair. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average; are as follows: Apples, bloom 80, condition 80; peaches, bloom 20, condition 30; pears, bloom 100, condition 100; plums, bloom 100, condition 110; cherries, bloom 100, condition 100; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 100; raspberries, bloom 100, condition 100; blackberries, bloom 110, condition 110; gooseberries, bloom 65, condition 65; currants, bloom 80, condition 75. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 80, condition 75; lambs, number 75, condition 100; calves, number 100, condition 90; colts, number 100, condition 100. The average price of colts at weaning time is \$40; cost of service, \$10. About ten per cent. of the foals die before weaning time.

COLES—The season has been very favorable for the planting and growth of corn; the stand is good, and much of the growing crop has been cultivated the second time; very little replanting had to be done; the area is about the same as last season. Broom corn and sorghum have made good growth during the past month. Winter wheat promises a larger than an average yield per acre. Oats and rye are making good growth. Tobacco looks well and has an area equal to that of last season. The drouth in the early spring injured meadows and pastures to some extent. The area devoted to Irish and sweet potatoes is somewhat larger than that of last year. The condition of the soil is excellent for cultivation, and the present system of tile drainage has wonderfully improved the land for early spring crops. The fruit prospect is not encouraging. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 99, condition 74; peaches, bloom 97, condition 61; pears, bloom 97, condition 74; plums, bloom 99, condition 49; cherries, bloom 100, condition 80; grapes, bloom 99, condition 95; strawberries, bloom 92, condition 80; raspberries, bloom 99, condition 95; blackberries, bloom 97, condition 100; gooseberries, bloom 88, condition 59; currants bloom 88, condition 81. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 94, condition 103; lambs, number 100, condition 102; calves, number 98, condition 99; colts, number 100, condition 99. The average price of colts at weaning time is \$53; cost of service, \$16. About 8 per cent. of the foals die before weaning time.

COOK—There is a slight increase in the area devoted to corn and the general condition is above the average for June 1; much of it has been cultivated the second time. The area devoted to sorghum is about half as large as last season and its condition is a full average for June 1. Winter wheat promises an average yield per acre. Harvest will commence much earlier than usual. Spring wheat, oats, rye, barley and flax are in fair condition. Tobacco has made good growth during the past month and has an area equal to that of last season. Meadows and pastures have suffered greatly from the drouth but have improved since the recent rains. The area devoted to Irish potatoes is much



larger than that of last season and the condition is above the average for June 1. The fruit prospect is about the same as last year at this date. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 95, condition 85; pears, bloom 100, condition 75; plums, bloom 100, condition 10; cherries, bloom 72, condition 62; grapes, bloom 103, condition 105; strawberries, bloom 91, condition 92; raspberries, bloom 100, condition 100; blackberries, bloom 55, condition 50; gooseberries, bloom 90, condition 100; currants, bloom 68, condition 68. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 87, condition 100; lambs number 100, condition 100; calves number 100, condition 100; colts, number 73, condition 100. The average price of colts at weaning time is \$35; cost of service, \$10. About five per cent. of the foals die before weaning time.

**CRAWFORD**—The condition of the growing crop of corn is hardly up to the average for June 1; the area is about the same as last season. Sorghum cane has made only fair growth during the past month. Winter wheat does not promise more than four-fifths of an average yield per acre; has been damaged more less by the fly and chinch-bug. Oats and rye are about an average in condition for June 1. Tobacco looks well, but the area is not quite as large as that of last season. Meadows and pastures have made fine growth during the past month; a good rain is needed at this time. The area devoted to Irish and sweet potatoes is about the same as last season; the condition is hardly up to the average for June 1. The fruit prospect is better than that of last season at this date. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 97, condition 45; peaches, bloom 103, condition 43; pears, bloom 93, condition 55; plums, bloom 100, condition 53; cherries, bloom 98, condition 54; grapes, bloom 76, condition 66; strawberries, bloom 96, condition 81; raspberries, bloom 88, condition 88; blackberries, bloom 102, condition 92; gooseberries, bloom 69, condition 55; currants, bloom 70; condition 50. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 96, condition 91; lambs, number 95, condition 94; calves, number 96, condition 91; colts, number 98, condition 91. The average price of colts at weaning time is \$44; cost of service, \$12. About 7 per cent. of the foals die before weaning time.

**CUMBERLAND**—The early planting of corn made its appearance above ground about May 1, and the general condition of the growing crop is about an average for June 1. The area remains about the same as last year. Broom corn and sorghum are doing well. Winter wheat promises a larger than an average yield per acre. Harvest will commence about the 10th of June. Oats and rye are above the average in condition for June 1. Flax and tobacco are looking well and have an area equal to that of last season. Meadows and pastures have made unusual growth during the past month. The usual area has been planted to Irish and sweet potatoes and both crops are doing well. The fruit prospect is about the same

as last year at this date. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 96, condition 64; peaches, bloom 53, condition 70; pears, bloom 100, condition 100; plums, bloom 80, condition 73; cherries, bloom 105, condition 87; grapes, bloom 93, condition 92; strawberries, bloom 93, condition 95; raspberries, bloom 95; condition 100; blackberries, bloom 95, condition 95; gooseberries, bloom 71; condition 70; currants, bloom 45, condition 79. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 89, condition 100; lambs, number 110, condition 98; calves, number 101, condition 100; colts, number 101, condition 97. The average price of colts at weaning time is \$40; cost of service, \$9. About 7 per cent. of the foals die before weaning time.

**DEKALB**—Corn planted early and deep is doing well; the late planting has been more or less affected by the drouth; the early planting made its appearance above ground May 6. Winter wheat promises about four-fifths of an average yield per acre. Spring wheat, oats, rye and barley are hardly up to the average condition for June 1, owing to the want of rain. Flax is doing well and has an area equal to that of last season. Meadows and pastures are very light. The dry weather has greatly affected grasses of all kinds. The fruit crop will not be large. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 77; cherries, bloom 75, condition 57; grapes, bloom 86, condition 84; strawberries, bloom 86, condition 70; raspberries, bloom 95, condition 87; blackberries, bloom 90, condition 82; gooseberries, bloom 90, condition 77; currants, bloom 79, condition 70. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 95, condition 97; lambs, number 95, condition 100; calves, number 102, condition 100; colts, number 102, condition 97. The average price of colts at weaning time is \$36; cost of service, \$13. About 3 per cent. of the foals die before weaning time.

**DEWITT**—The condition of the growing corn crop is better than an average for June 1. The stand is good and no replanting has been required. The area devoted to corn is not quite so large as last season. Sorghum is doing well. Winter wheat will make little over four-fifths of an average yield per acre. Spring wheat, oats and rye have made fine growth during the past month. Meadows and pastures have suffered for the want of rain and are not in their usual condition for June 1. Irish and sweet potatoes are making fair growth and have an area equal to that of last season. The fruit crop will not be as large as that of last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 62, condition 65; pears, bloom 75, condition 90; plums, bloom 65, condition 90; cherries, bloom 80, condition 92; grapes, bloom 105, condition 100; strawberries, bloom 80, condition 67; raspberries, bloom 91, condition 85; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 25; currants, bloom 75, condition 62. The number of births of



farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 97, condition 97; lambs, number 92, condition 100; calves, number 100, condition 105; colts, number 87; condition 105. The average price of colts at weaning time is \$42; cost of service, \$15. About 5 per cent. of the foals die before weaning time.

DOUGLAS—The early planting of corn came up strong and vigorous about the 6th of May. The growing crop was planted about two weeks earlier than usual. Farmers are cultivating the crop the second time. The area is ten per cent. larger than that of last season. Broom corn and sorghum are making good growth. Winter wheat promises nearly an average yield per acre. The straw is a little short but the heads are large. Oats and rye have made fair growth during the past month. Tobacco looks well and has an area equal to that of last season. The rains of the past ten days have greatly improved the condition of meadows and pastures. The condition of Irish and sweet potatoes is fully up to the average for June 1. Area not quite as large as that of last season. The frosts of last April caused a large amount bloom to fall from the trees. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 82, condition 60; pears, bloom 100, condition 67; cherries, bloom 100, condition 62; grapes, bloom 90, condition 100; strawberries, bloom 87, condition 70; raspberries, bloom 100, condition 92; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 95; currants, bloom 91, condition 55. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 77, condition 100; lambs, number 97, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is \$37; cost of service, \$10. About 15 per cent. of the foals die before weaning time.

DUPAGE—The early planting of corn came up even and made a good stand. The late planting has been affected by the drouth. The area is about the same as last season. Winter wheat promises but little over four-fifths of an average per acre. Spring wheat, oats, rye, barley and flax all show the effect of the drouth, and are not in an average condition for June 1. Meadows and pastures are cut short nearly fifty per cent. by the continued drouth. The grass on the uplands has the appearance of being dead. There will be very little fruit of any kind. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 77, condition 57; pears, bloom 90, condition 90; cherries, bloom 80, condition 62; grapes, bloom 100, condition 99; strawberries, bloom 102, condition 84; raspberries, bloom 92, condition 85; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 95; currants, bloom 91, condition 55. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 77, condition 100; lambs, number 92, condition 100; calves, number 102, condition 100; colts, number 101, condition 100. The average price of colts at weaning

time is \$44; cost of service, \$15. About 6 per cent. of the foals die before weaning time.

EDGAR—The condition of the growing corn crop is above the average for June 1, and there is a slight increase in the area as compared with last season. The early planting made its appearance above ground about the first of May. Broom corn and sorghum have made good growth and have an area equal to that of last season. Winter wheat promises a larger yield than an average per acre. Harvest will commence about June 20th. Oats and rye are doing well. Meadows and pastures are a little short on account of the dry weather in the early spring, but since the recent rains the condition of grasses of all kinds has greatly improved. Irish and sweet potatoes have made the usual growth for June 1, and have an area equal to that of last season. The frosts during April caused a large amount of bloom to fall and the fruit prospect is not as good as that of last season. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 104, condition 73; peaches, bloom 10, condition 5; pears, bloom 102, condition 75; plums, bloom 103, condition 70; cherries, bloom 77, condition 62; grapes, bloom 100, condition 92; strawberries, bloom 101, condition 107; raspberries, bloom 102, condition 103; blackberries, bloom 97, condition 93; gooseberries, bloom 91, condition 88; currants, bloom 85, condition 75. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 89, condition 94; lambs, number 89, condition 99; calves, number 91, condition 98; colts, number 90, condition 100. The average price of colts at weaning time is \$40; cost of service, \$12. About 7 per cent. of the foals die before weaning time.

EDWARDS—The corn crop has made a good stand. The soil is in good condition and the plant healthy. The area is about the same as last season. Broom corn and sorghum are looking well. Winter wheat has seldom been in as poor condition as this season; the prospect is not good for half of an average yield per acre. The oat crop promises to be unusually large and fine. Meadows and pastures are not up to the average condition for June 1, owing to the drouth last fall which made the plant weak and has given the weed a start over the grass. The area devoted to Irish and sweet potatoes is larger than that of last season. The condition of the growing crops is good. The prospect for fruit is not as good as at corresponding date last year. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 120, condition 80; peaches, bloom 110, condition 100; plums, bloom 100, condition 50; cherries, bloom 100, condition 75; grapes, bloom 85, condition 90; strawberries, bloom 100, condition 70; raspberries, bloom 100, condition 100; blackberries, bloom 105, condition 100; gooseberries, bloom 100, condition 70; currants, bloom 75, condition 60. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 90, condition 95; lambs, number 85, condition 100; calves, number 80, condition 100; colts, number 105, condition 100. The average price of colts at weaning time is \$50; cost of service, \$12.



**EFFINGHAM**—The area devoted to corn is somewhat larger than that of last season and its condition is nearly up to the average for June 1. The early planting made its appearance above ground May 1. Sorghum has made good growth during the past month. Winter wheat promises a larger yield per acre than an average. Oats and rye have made fine growth. Tobacco is looking well but the area planted is not quite as large as that of last season. Meadows and pastures are in better condition than an average, the season having been favorable to the rapid growth of grasses. The usual area has been planted to Irish and sweet potatoes and the condition of the growing crop is about an average for June 1. The fruit prospect is about the same as last season at this date. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows; Apples, bloom 93, condition, 74; peaches, bloom 89, condition 73; pears, bloom 87, condition 73; plums, bloom 87, condition 50; cherries, bloom 97, condition 47; grapes, bloom 92 condition 89; strawberries, bloom 99, condition 62; raspberries, bloom 97, condition 98; blackberries, bloom 93, condition 98; gooseberries, bloom 97, condition 87; currants, bloom 87, condition 76. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 100, condition 106; lambs, number 100, condition 100; calves, number 99, condition 103; colts, number 104, condition 102. The average price of colts at weaning time is \$37; cost of service, \$8. About 6 per cent. of the foals die before weaning time.

**FRAYETTE**—The condition of corn was never better on June 1 than this season; the stand and color is good and the growth very forward; there is an increase in the area devoted to this crop over that of last season. Broom corn and sorghum cane have hardly made the usual growth for June 1. Winter wheat does not promise more than three-fourths of an average yield per acre. Oats and rye are doing well, and will make an average yield should the conditions remain favorable until harvest. Tobacco is not up to the June 1 average in condition; the area is about three-fourths as large as last season. The condition of meadows and pastures was never better on June 1. Irish and sweet potatoes have made splendid growth during the past month, and have an increased area as compared with that of last season. The fruit prospect is not as good as that of last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 106, condition 67; peaches, bloom 25, condition 15; pears, bloom 88 condition 88; plums, bloom 100, condition 48; cherries, bloom 87, condition 65; grapes, bloom 87, condition 82; strawberries, bloom 100, condition 68; raspberries, bloom 95, condition 89; blackberries, bloom 91, condition 84; gooseberries, bloom 92, condition 72; currants, bloom 92, condition 68. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 103, condition 100; lambs, number 103 condition 100; calves, number 97, condition 103; colts, number 107, condition 100. The average price of colts at weaning time is \$34; cost of service, \$8. About 7 per cent. of the foals die before weaning time.

**FORD**—Corn is doing well except where planted on sod land. The area is somewhat larger than last season and the general condition is above an average for June 1. Sorghum has made splendid growth during the past month. Winter wheat does not promise more than two-thirds of an average yield per acre. Spring wheat, oats and rye are backward, owing to the drouth. Flax is in splendid condition. The area is not more than half as large as last season. Meadows and pastures have been more or less affected by the drouth during the past month, but since the recent rains are making fine growth. The fruit prospect is not encouraging. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows; Apples, bloom 102, condition 50; pears, bloom 110, condition 10; plums, bloom 105, condition 42; cherries, bloom 81, condition 16; grapes, bloom 85, condition 87; strawberries, bloom 92, condition 72; raspberries, bloom 75, condition 65; blackberries, bloom 70, condition 60; gooseberries, bloom 88; condition 33; currants, bloom 83, condition 33. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows; Pigs, number 72, condition 100; lambs, number 82, condition 105; calves, number 90, condition 97; colts, number 65, condition 100. The average price of colts at weaning time is \$49; cost of service, \$13. About 10 per cent of foals die before weaning time.

**FRANKLIN**—There is a slight increase in the area devoted to corn this season when compared to that of last year. The condition of the growing crop is about the average for June 1. The early planting made its appearance above ground April 16. Sorghum cane has not made good growth during the past month. The prospect for winter wheat is encouraging for but little over fifty per cent. of an average yield per acre. Oats have made rapid growth and are in splendid condition. Tobacco is a little backward and has an area equal to that of last season. Meadows and pastures were damaged somewhat by the drouth last fall and are not in the average condition for June 1. Irish and sweet potatoes are doing well and have an area equal to that of last season. The prospect is encouraging for nearly every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples bloom 100, condition 67; peaches, bloom 100, condition 87; pears, bloom 100, condition 72; plums, bloom 94, condition 60; cherries, bloom 75, condition 50; grapes, bloom 100, condition 82; strawberries, bloom 67, condition 33; raspberries, bloom 87, condition 75; blackberries, bloom 87, condition 100; gooseberries, bloom 62, condition 75. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 102, condition 100; lambs, number 72, condition 100; calves, number 75, condition 100; colts, number 97, condition 100. The average price of colts at weaning time is \$38; cost of service, \$10.

**FULTON**—The ground was never in better condition for planting and cultivating corn. The condition of the growing crop is considerably above the average for June 1; the area is not quite so large as last season. Sorghum has not made good growth; the



area is about the same as last season. The prospect for winter wheat is encouraging for nearly an average yield per acre. Harvest will be nearly ten days earlier than usual. Spring wheat, oats and rye are in very fair condition and are growing rapidly. Owing to the drouth grasses of all kinds are backward, hence the condition of meadows and pastures is not up to the average. Irish and sweet potatoes are doing well and have an area equal to that of last season. There is a fair prospect for an average yield of all kinds of fruit except currants and grapes. No peaches. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 84, condition 63; pears, bloom, 100, condition 95; plums, bloom, 100, condition 100; cherries, bloom, 66, condition 51; grapes, bloom, 87, condition 94; strawberries, bloom, 95, condition 73; raspberries, bloom, 84, condition 83; blackberries, bloom, 82, condition 85; gooseberries, bloom, 71, condition 72; currants, bloom, 71, condition 72. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 94, condition 99; lambs, number, 93, condition, 100; calves, number, 100, condition 100; colts, number, 92, condition 100. The average price of colts at weaning time is \$39; cost of service, \$12. About 8 per cent. of the foals die before weaning time.

GALLATIN—The corn area is increased over that of last season. The stand is good, and the plant is making rapid, vigorous growth. Winter wheat does not promise more than two-thirds of an average yield per acre. There is considerable complaint of the Hessian fly and chinch bug. Oats have not made the usual growth for June 1, owing to the want of rain during the early spring. Meadows and pastures are backward, but since the recent rain are improving rapidly. Irish and sweet potatoes have made good growth during the past month. There will be a good crop of apples, peaches, plums and cherries, but berries of all kinds are more or less affected by the late frosts during April. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 82, condition 75; peaches, bloom 100, condition 87; pears, bloom 80, condition 70; plums, bloom 115, condition 80; cherries, bloom 125, condition 95; grapes, bloom 75, condition 50; strawberries, bloom 100, condition 75; blackberries, bloom 90, condition 80; gooseberries, bloom 100, condition 50. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs number 90, condition 90; lambs number 100, condition 100; calves number 100, condition 97; colts number 90, condition 100. The average price of colts at weaning time is \$35; cost of service, \$7. About 7 per cent. of the foals die before weaning time.

GREENE—The condition of the growing corn has seldom been better on the first day of June than this season. The area is not quite as large as that of last year. Sorghum is very backward and the area is but little over one-half of that of last season. Winter wheat is unusually forward, the color is good, the growth very rank. Harvest will begin much earlier than usual. Oats and rye were never in better condition on the first

day of June, and the prospect is good for a much larger than an average yield per acre. Grass of all kinds has made an unusually vigorous growth during the past month, hence meadows and pastures are above the average condition for June 1. Irish potatoes are looking well and have an area about the same as that of last season. The fruit prospect is not as good as last season at this date. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 60, condition 70; peaches, bloom 25, condition 20; pears, bloom 100, condition 95; plums, bloom 80, condition 67; cherries, bloom 95, condition 82; grapes, bloom 97, condition 95; strawberries, bloom 100, condition 62; raspberries, bloom 77, condition 75; blackberries, bloom 67, condition 25; gooseberries, bloom 97, condition 92; currants, bloom 100, condition 95. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 60, condition 87; lamb-, number 100, condition 100, condition 110; calves, number 100, condition 100; colts, number 97, condition 100. The average price of colts at weaning time is \$45; cost of service, \$13.

GRUNDY—The condition of the growing corn crop is above the average for June 1, except on sod land where it has been damaged by cut-worms. The area has been somewhat increased over that of last year. The early planting made its appearance above ground May 1. Sorghum cane is doing well. Winter wheat promises nearly an average yield per acre. Harvest will be much earlier than usual. Spring wheat is very backward. Oats, rye and flax are doing well. Meadows and pastures are short owing to the lack of moisture. Irish and sweet potatoes have not made their usual growth owing to the drouth. The fruit crop will be a comparative failure. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 82, condition 55; plums, bloom, 65, condition 38; cherries, bloom, 79, condition 44; grapes, bloom, 102, condition 90; strawberries, bloom, 97, condition 84; raspberries, bloom, 82, condition 89; blackberries, bloom, 100, condition 100; gooseberries, bloom, 87, condition 75; currants, bloom, 87, condition 65. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 92, condition 95; lambs, number, 97, condition 95; calves, number, 105, condition 98; colts, number, 91, condition 98. The average price of colts at weaning time is \$40; cost of service, \$17. About 11 per cent. of the foals die before weaning time.

HAMILTON—The growing crop of corn is about an average in condition for June 1. A large portion of the crop was planted full two weeks earlier than usual. The early corn made its appearance above the ground April 10. There is an increase in the area of about ten per cent. when compared with that of last season. The usual area has been planted to sorghum and the growing crop looks well. The prospects for an average crop of winter wheat has seldom been more discouraging than this season. Not more than half a crop is expected. Oats and rye have made splendid growth during the past month and the prospect is good for more than an average yield per acre. The growth of tobacco was



rank and vigorous and the area is about the same as last season. Meadows and pastures are doing well at this time and are nearly up to the average condition for June 1. The prospects for Irish and sweet potatoes has seldom been more promising. The area is about the same as last season. The fruit crop will be better than for several years past with the exception of strawberries. This crop was damaged by the heavy frosts during the early part of May. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average are as follows: Apples, bloom 194, condition 101; peaches, bloom 105, condition 102; pears, bloom 94, condition 90; plums, bloom 101, condition 84; cherries, bloom 13, condition 95; grapes, bloom 97, condition 96; strawberries, bloom 75, condition 58; raspberries, bloom 100, condition 103; blackberries, bloom 100, condition 100; gooseberries, bloom 80, condition 76; currants, bloom 61, condition 42. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 81, condition 92; lambs number 92, condition 100; calves number 100, condition 100; colts number 100, condition 97. The average price of colts at weaning time is \$45; cost of service, \$10. About seven per cent of the foals die before weaning time.

**HANCOCK**—The condition of the growing crop of corn is considerably above the average for June 1; the soil is free from weeds and the plant is making rapid growth; the area is about the same as last season. Sorghum cane is fully up to the average for June 1. Winter wheat will make more than an average yield per acre; harvest will commence fully two weeks earlier than last season. Oats and rye are doing well. Meadows and pastures are in very good condition; clover meadows are doing better than timothy. Irish and sweet potatoes have an area equal to that of last season and the condition of the growing crop is above an average. The fruit prospect is not so good as last season; the percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 65, condition 57; peaches, bloom 51, condition 50; pears, bloom 40, condition 27; plums, bloom 52, condition 52; cherries, bloom 71, condition 45; grapes, bloom 97, condition 95; strawberries, bloom 94, condition 74; raspberries, bloom 92, condition 94; blackberries, bloom 77, condition 82; gooseberries, bloom 77, condition 80; currants, bloom 83, condition 84. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 87, condition 98; lambs, number 100, condition 100; calves, number 101, condition 103; colts, number 102, condition 102. The average price of colts at weaning time is \$42; cost of service \$12; about 5 per cent. of the foals die before weaning time.

**HARDIN**—The condition of the growing crop of corn is not up to the average for June 1. The area is not up to the average. Sorghum cane is doing well. The prospect for winter wheat is not good for more than four-fifths of an average yield per acre. Oats have made a remarkable growth during the past month and a large yield per acre may be expected. Tobacco has made the usual growth for June. The area is about as large as last season. Meadows and pastures

are in fair condition and since the late rains are very much improved. Irish and sweet potatoes are looking well and cover the usual area. The fruit prospect is encouraging. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 82, condition 92; peaches, bloom, 85, condition 85; pears, bloom, 100, condition 100; plums, bloom, 100, condition 100; cherries, bloom, 110, condition 110; grapes, bloom, 62, condition 90; strawberries, bloom, 100, condition 100; raspberries, bloom, 100, condition 100; blackberries, bloom, 92, condition 95; gooseberries, bloom, 57, condition 80; currants, bloom, 60, condition 92. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 87, condition 80; lambs, number, 95, condition 90; calves, number, 92, condition 85; colts, number, 90, condition 90. The average price of colts at weaning time is \$42; cost of service, \$6. About 3 per cent. of the foals die before weaning time.

**HENDERSON**—The area devoted to corn is about the same as last season, but owing to the drouth its condition is not up to the average for June 1. The prospect for winter wheat is not encouraging for more than two-thirds of an average yield per acre. Spring wheat, oats and rye are all backward, owing to the want of rain during April and the early part of May. Meadows and pastures have also suffered for lack of moisture, and are much behind the usual condition for June 1. The area devoted to Irish potatoes is about the same as last season, and the condition of the growing crop is fair. There is a scarcity of every variety of fruit. The percentage and bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 75, condition 10; plums, bloom 100, condition 50; cherries, bloom 75, condition 50; grapes, bloom 50, condition 50; strawberries, bloom 50, condition 50; gooseberries, bloom 45, condition 30; currants, bloom 45, condition 25.

**HENRY**—The condition of corn has seldom been better on the first day of June than this season; the area is about the same as last season; the early planting made its appearance April 20. Sorghum cane has made splendid growth. There is very little winter wheat grown in this county, but its condition is above the average for June 1. Oats and rye are making good growth. Meadows and pastures are short, owing to the continued dry weather. Irish and sweet potatoes are doing well, and have an area equal to that of last season. The fruit prospect is not as good as that of last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 78, condition 64; pears, bloom 50, condition 10; plums, bloom 83, condition 73; cherries, bloom 74, condition 72; grapes, bloom 70, condition 67; strawberries, bloom 72, condition 54; raspberries, bloom 77, condition 67; blackberries, bloom 66, condition 66; gooseberries, bloom 63, condition 58; currants, bloom 75, condition 75. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 73, condition 98; lambs, number 96, condition 100; calves, number 101, condition 101; colts, number 98, condition 99. The average price



of colts at weaning time is \$44; cost of service, \$9. About 14 per cent. of the foals die before weaning time.

**IROQUOIS**—Corn was planted much earlier this season than usual, and most of the growing crop has been cultivated the second time. The condition has seldom been better on the first of June than this season. There is a slight increase in the area planted. Sorghum looks well. Winter wheat promises about three-fourths of an average yield per acre, and harvest will be much earlier than usual. Spring wheat, oats, rye, barley and flax have made splendid growth during the past month. Timothy has suffered for the want of rain. Clover meadows are in much better condition than timothy. Pastures are not up to the usual condition for June 1. Irish potatoes have made good growth during the past month and have an area somewhat larger than that of last season. The fruit prospect is poorer than for several years past. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: apples, bloom 91, condition 35; plums, bloom 100; cherries, bloom 82, condition 21; grapes, bloom 87, condition 92; strawberries, bloom 83, condition 73; raspberries, bloom 98, condition 93; blackberries, bloom 91, condition 92; gooseberries, bloom 80, condition 63; currants, bloom 95, condition 44. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number 95, condition 100; lambs, number 86, condition 99; calves, number 101, condition 100; colts, number 94, condition 99. The average price of colts at weaning time is \$44; cost of service, \$12. About 7 per cent. of the foals die before weaning time.

**JACKSON**—The season has been very favorable for the planting and growth of corn. The early corn made its appearance above ground May 1. The area has been increased about 10 per cent. when compared with that of last season. Winter wheat does not promise more than three-fourths of an average yield per acre, owing to the damage done by the Hessian fly and chinch bug. Oats and rye are in much better than an average condition for June 1. Meadows and pastures are fully up to the average in condition for this date, the season having been favorable to the growth of grasses. Irish potatoes are above an average in condition for June 1, and have area equal to that of last season. The prospect for nearly every variety of fruit is good. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 105, condition 110; peaches, bloom 100, condition 110; plums, bloom 100, condition 100; cherries, bloom 100, condition 100; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage and are as follows: Pigs number 90, condition 100; lambs number 110, condition 100; calves number 105, condition 100; colts number 100, condition 100. The average price of colts at weaning time is \$50; cost of service, \$12.

**JASPER**—The area devoted to corn is somewhat less than that of last season, and its condition is hardly up to the average of June

1; the early corn made its appearance above ground April 25. Broom corn and sorghum cane are making good growth. Winter wheat will yield per acre a little short of an average. Oats and rye are doing well. Tobacco has made rank and vigorous growth, and covers an area equal to that of last season. Meadows and pastures are in fine condition. Irish potatoes are looking well and have an area equal to that of last season. There is a fair prospect for every variety of fruit; the percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 92; peaches, bloom 92, condition 87; pears, bloom 70, condition 77; plums, bloom 90, condition 87; cherries, bloom 100, condition 75; grapes, bloom 92, condition 92; strawberries, bloom 100, condition 93; raspberries, bloom 100, condition 97; blackberries, bloom 100, condition 100; gooseberries, bloom 53, condition 37; currants, bloom 50, condition 37. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 98, condition 102; lambs, number 92, condition 100; calves, number 93, condition 100; colts, number 102, condition 100. The average price of colts at weaning time is \$40; cost of service, \$9. About 10 per cent. of the foals die before weaning time.

**JEFFERSON**—The area devoted to corn is increased more than ten per cent. when compared with that of last season; the general condition is considerably above the average for June 1. The early planting made its appearance above ground May 15. Sorghum cane has made good growth during the past month and the area is considerably increased over that of last season. The prospect for an average yield of winter wheat per acre was never poorer than this season; not more than one-third of an average yield can be expected. Chinch bugs and the Hessian fly have nearly ruined the growing crop. Oats and rye have seldom made as fine a growth. Meadows and pastures are in splendid condition, the season having been favorable to the growth of timothy. Irish and sweet potatoes have an area equal to that of last season, and the condition of the growing crop was never better than on the first of June. There is a good prospect for apples, peaches, pears and cherries. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 106, condition 85; peaches, bloom, 105, condition 84; pears, bloom, 90, condition 50; plums, bloom, 87, condition 50; cherries, bloom, 100, condition 63; grapes, bloom, 103, condition 103; strawberries, bloom, 83, condition 32; raspberries, bloom, 90, condition 90; blackberries, bloom, 86, condition 82; gooseberries, bloom, 100, condition 100; currants, bloom, 75, condition 75. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 72, condition 83; lambs, number, 100, condition 95; calves, number, 92, condition 100; colts, number, 107, condition 100. The average price of colts at weaning time is \$46; cost of service, \$10. About 4 per cent. of the foals die before weaning time.

**JERSEY**—The area devoted to corn is about the same as that of last season; owing to the excessive rain a large portion of the crop was planted late, and is hardly up to the av-



erage for June 1; the early corn made its appearance above ground May 1. Wheat has made rapid, heavy growth during the past month and promises a larger yield per acre than an average; harvest will begin fully two weeks earlier than usual. Oats are about up to the average condition for June 1. Meadows and pastures have done well. Irish and sweet potatoes are making rapid growth and have an area equal to that of last season. There will be a fair yield of nearly every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 82, condition 42; peaches, bloom 26, condition 11; pears, bloom 93, condition 73; plums, bloom 100, condition 63; cherries, bloom 100, condition 61; grapes, bloom 100, condition 81; strawberries, bloom 100, condition 92; raspberries, bloom 93, condition 100; blackberries, bloom 90, condition 89; gooseberries, bloom 92, condition 73; currants, bloom 83, condition 73. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 94, condition 95; lambs, number 97, condition 94; calves, number 97, condition 100; colts, number 89, condition 100. The average price of colts at weaning time is \$52; cost of service, \$14. About 3 per cent. of the foals die before weaning time.

JoDAVIESS—There is a slight increase in the area devoted to corn compared to that of last season; corn was planted earlier than last year, and that planted on old ground is in unusually fine condition for this date; that planted on sod ground has been almost entirely destroyed by cut-worms, requiring replanting the second and third time. Sorghum is making fine growth. Winter wheat promises a yield per acre of three-fifths of an average. Spring wheat, oats, rye and barley are making splendid growth. Meadows will not yield well on account of the dry spring, and being overstocked owing to the scarcity of feed during the early spring. Pastures are in about the same condition as meadows. Irish potatoes have an area about equal to that of last season and are doing well. The prospect for an apple crop is better than that of last spring. Small fruits do not look so promising: the percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 77, condition 60; plums, bloom 98, condition 79; cherries, bloom 63, condition 28; grapes, bloom 102, condition 102; strawberries, bloom 102, condition 85; raspberries, bloom 93, condition 90; blackberries, bloom 90, condition 95; gooseberries, bloom 83, condition 92; currants, bloom 60, condition 55. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 88, condition 94; lambs number 100, condition 100; calves, number 93, condition 98; colts, number 91, condition 100. The average price of colts at weaning time is \$39; cost of service, \$12. About 5 per cent. of the foals die before weaning time.

JOHNSON—Corn is above an average in condition for June 1, and the acreage is larger than last year. Some farmers had to replant a large portion, it having been destroyed by cut worms. The quality of the seed planted was good. The earliest planted corn made its appearance above ground April 20. Winter wheat will not make much

over half an average yield per acre. The Hessian fly has done much damage to the plant. Oats and rye are in only fair condition. Meadows and pastures are a little short on account of lack of rain. Irish and sweet potatoes are nearly up to an average in condition, and the area is as large as last year. The area of tobacco is not much more than half as large as in 1886; condition fair. Fruit is in fair condition. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 96, condition 80; peaches, bloom 100, condition 92; pears, bloom 100, condition 95; plums, bloom 100, condition 93; cherries, bloom 94, condition 87; grapes, bloom 100, condition 100; strawberries, bloom 78, condition 65; raspberries, bloom 97, condition 97; blackberries, bloom 95, condition 95; gooseberries, bloom 83, condition 58; currants, bloom 100, condition 25. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 101, condition 85; lambs, number 96, condition 97; calves, number 99, condition 97; colts, number 101, condition 96. The average price of colts at weaning time is \$48; cost of service, \$10. About 6 per cent. of the foals die before weaning time.

KANE—Corn planted during April made a very good stand; that planted in May is uneven; much of the seed did not germinate owing to the dryness of the soil; the early planting made its appearance above ground May 4. Winter wheat promises about four-fifths of an average yield per acre. Spring wheat, oats, rye, barley and flax are all backward, owing to the drouth. Old meadows will hardly be worth harvesting, and new meadows will not produce much over half a crop. Pastures afford but little feed, as the drouth has cut the grass very short. The area planted to Irish potatoes is somewhat larger than last season and the condition of the growing crop is fair. The fruit prospect has seldom been poorer. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 77, condition 42; pears, bloom 90, condition 60; plums, bloom 90, condition 75; cherries, bloom 60, condition 28; grapes, bloom 60, strawberries, bloom 86, condition 57; raspberries, bloom 87, condition 81; blackberries, bloom 96, condition 94; gooseberries, bloom 57, condition 52; condition 52; currants, bloom 67, condition 42. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 76, condition 96; lambs, number 88, condition 96; calves, number 97, condition 97; colts, number 91, condition 100. The average price for colts at weaning time is \$38; cost of service, \$13. About 8 per cent. of the foals die before weaning time.

KANKAKEE—The area devoted to corn is a little larger than that of last season and the condition of the growing crop is considerably above the average. The weather has been favorable and the stand is good. Very little re-planting has been required. Sorghum cane is doing well: the area is not quite so large as that of last season. Winter wheat will make nearly an average yield per acre. Harvest will be much earlier than usual. Spring wheat, oats and rye are



hardly up to the average in condition for June 1. Meadows and pastures are in very poor condition, owing to the drouth. Clover meadows are in much better condition than timothy. Irish and sweet potatoes have made rapid growth during the past month and have an area equal to that of last season. The fruit crop will not be as large as last season. The percentage of bloom this spring and the condition of fruit June 1st, as compared with the average, are as follows: Apples, bloom, 91, condition 77; plums, bloom, 62, condition 67; cherries, bloom, 67, condition 47; grapes, bloom, 85, condition 100; strawberries, bloom, 89, condition 74; raspberries, bloom, 91, condition 95; blackberries, bloom, 69, condition 87; gooseberries, bloom, 59, condition 55; currants, bloom, 69, condition 68. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with the average are given by percentage, and are as follows: Pigs, number, 82, condition 98; lambs, number, 77, condition 100; calves, number, 97, condition 98; colts, number, 97, condition 95. The average price of colts at weaning time is \$40; cost of service, \$9. About 5 per cent of the foals die before weaning time.

KENDALL—The growing crop of corn is in very fair condition and has an area equal to last season. Winter wheat will make less than two-thirds of an average yield per acre; harvest will be earlier than usual. Spring wheat, oats and rye are all below the average in condition for June 1. Meadows and pastures have seldom been in poorer condition on June 1 than this season; the condition of grass has improved very much since the rain of last week. Irish potatoes are doing well and have an area equal to that of last season. The fruit prospect is not as good as last season on June 1. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 81, condition 49; plums, bloom 100, condition 5; cherries, bloom 47, condition 15; grapes, bloom 69, condition 67; strawberries, bloom 100, condition 76; raspberries, bloom 82, condition 80; blackberries, bloom 89, condition 88; gooseberries, bloom 67, condition 60; currants, bloom 67, condition 57. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 102, condition 96; lambs number 93, condition 97; calves, number 95, condition 95; colts, number 97, condition 100. The average price of colts at weaning time is \$33; cost of service, \$15. About 5 per cent of the foals die before weaning time.

KNOX—The condition of the growing crop of corn is above the average for June 1. The stand is good and much of it has been cultivated the second time. The area is a little larger than that of last season. The condition of broom corn and sorghum is very good. Winter wheat will make nearly an average yield per acre. Spring wheat, oats and rye are nearly up to an average condition for June 1, and are making fine growth. Meadows and pastures are short and are not making the usual growth for June 1. There will be a fair crop of apples, plums, cherries and all the small fruits; no peaches or pears. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 97, condition 46; plums, bloom 100, condition 25; cherries, bloom 85, condition 47; grapes,

bloom 84, condition 82; strawberries, bloom 91, condition 69; raspberries, bloom 89, condition 79; blackberries, bloom 96, condition 96; gooseberries, bloom 61, condition 55; currants, bloom 70, condition 74. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 77, condition 101; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 101, condition 100. The average price of colts at weaning time is \$44; cost of service, \$13. About 10 per cent of the foals die before weaning time.

LAKE—The growth of corn has been very rapid during the past month, and its condition is above the average for June 1. The area is slightly increased over that of last season. Broom corn and sorghum cane have made good growth. Winter wheat promises nearly an average yield per acre. Spring wheat, oats, rye, barley and flax are doing well. Meadows and pastures have suffered for the want of rain and are not up to the average for June 1. The condition of Irish potatoes has seldom been better than on June 1. With the exception of currants and peaches the fruit yield will be better than usual. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 107, condition 100; pears, bloom 100, condition 100; plums, bloom 100; condition 75; cherries, bloom 96, condition 77; grapes, bloom 102, condition 100; strawberries, bloom 101, condition 101; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 92, condition 90; currants, bloom 62, condition 55. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs number 77, condition 100; lambs number 96, condition 100; calves number 100, condition 99; colts number 97, condition 100. The average price of colts at weaning time is \$44; cost of service, \$12. About 5 per cent of the foals die before weaning time.

LASALLE—The condition of the growing crop of corn is above the average for June 1. The stand is good but at this time a good rain is needed. The early planting made its appearance above ground May 1. The area is not as large as that of last season. Sorghum cane has made good growth in the past month. Winter wheat promises but three-fourths of an average yield per acre. Spring wheat will make nearly an average yield per acre. Oats and rye, owing to the drouth, are very backward. Meadows and pastures are very thin and short. There has not been sufficient rain to give grass a good start. Irish and sweet potatoes are doing well and have an area equal to that of last season. The fruit prospect is very poor. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 75, condition 92; plums, bloom 100, condition 75; cherries, bloom 37, condition 62; grapes, bloom 78, condition 95; strawberries, bloom 80, condition 68; raspberries, bloom 80, condition 82; blackberries, bloom 90, condition 87; gooseberries, bloom 62, condition 87; currants, bloom 64, condition 75. The number of births of farm animals this season as compared with an average, are given by percentage, and are as follows: Pigs number



93, condition 111; lambs number 101, condition 100; calves number 94, condition 100; colts number 74, condition 95. The average price of colts at weaning time is \$45; cost of service, \$16. About ten per cent of the foals die before weaning time.

**LAWRENCE**—The area devoted to corn is hardly as large as last season, the condition is nearly up to an average for June 1. The early planting made its appearance above ground April 15. Sorghum is looking well, and has an area about as large as last year. Winter wheat does not promise more than two-thirds of an average yield per acre. The condition of oats is above the average for June 1. Meadows and pastures are in splendid condition. The season has been favorable to the growth of grasses. Irish and sweet potatoes are doing well, and have an area equal to that of last season. The fruit prospect is about the same as last year on June 1. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 104, condition 74; peaches, bloom 104, condition 67; pears, bloom 95, condition 82; plums, bloom 100, condition 70; cherries, bloom 104, condition 74; grapes, bloom 66, condition 70; strawberries, bloom 100, condition 93; raspberries, bloom 102, condition 98; blackberries, bloom 87, condition 87; gooseberries, bloom 75, condition 72; currants, bloom 75, condition 72. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 87, condition 95; lambs, number 91, condition 100; calves, number 101, condition 99; colts, number 103, condition 100. The average price of colts at weaning time is \$44; cost of service, \$11. About 7 per cent. of the foals die before weaning time.

**LEE**—The area devoted to corn is about the same as last season and its condition is above the average for June 1. The early planting made its appearance above ground May 2. Some fields have been plowed the first time and are unusually free from weeds. Sorghum is looking well and has an area equal to that of last season. Winter wheat promises about three-fourths of an average yield per acre. Spring wheat, oats and rye are nearly up to the average for June 1 in condition. The area sowed to barley is not quite as large as that of last season, and owing to the drouth the growth has been slow. Grass is thin and short but is rapidly improving in condition since the recent rains. Irish and sweet potatoes are in better condition than usual for June 1 and the area is about the same as last season. There is a fair prospect for nearly every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1st as compared with an average are as follows: Apples, bloom 84, condition 74; pears, bloom 80, condition 65; plums, bloom 78, condition 77; cherries, bloom 40, condition 42; grapes, bloom 97, condition 93; strawberries, bloom 94, condition 88; raspberries, bloom 87, condition 85; blackberries, bloom 85, condition 76; gooseberries, bloom 93, condition 90; currants, bloom 91, condition 87. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with the average are given by percentage and are as follows: Pigs number 103, condition 100; lambs number 99, condition 100; calves number 102, condition 102; colts number 102 condition 101. The average price of colts at weaning time is \$40; cost of

service, \$12. About five per cent of the foals die before weaning time.

**LIVINGSTON**—The condition of the growing crop of corn is considerably above the average of June 1. The area is somewhat larger than that of last season. Broom corn and sorghum cane were never in better condition on June 1 than this season. Winter wheat promises about three-fourth of an average yield per acre. Spring wheat, oats, rye, barley and flax are all below the average for June 1, owing to the want of rain during April and May. Meadows and pastures are very short, and with favorable conditions until harvest there will be but little over half a crop of hay. Irish and sweet potatoes are looking well and have an area equal to that of last season. The fruit prospect is not encouraging. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 89, condition 59; plums, bloom 100, condition 53; cherries, bloom 84, condition 46; grapes, bloom 100; condition 104; strawberries, bloom 97, condition 80; raspberries, bloom 89, condition 73; blackberries, bloom 94, condition 86; gooseberries, bloom 77, condition 65; currants, bloom 81, condition 70. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage and are as follows. Pigs number 62, condition 95; lambs number 75, condition 93; calves number 81, condition 97; colts number 94, condition 97. The average price of colts at weaning time is \$50; cost of service, \$12. About ten per cent of the foals die before weaning time.

**LOGAN**—The acreage devoted to corn is about the same as last season; owing to the favorable season planting was done much earlier than usual and the condition of corn is considerably above the average for this date. Cut-worms have destroyed the young corn where planted on timothy and blue grass sod land. Much of it has been planted the second and third time. Sorghum is looking well and has an area equal to that of last season. The condition of winter wheat was never better than at this time. Harvest will begin two weeks earlier than usual. Oats give promise for heavy yield per acre, the season having been unusually favorable. Meadows and pastures are short on account of the dry weather but since the recent rains are making rapid growth. The fruit crop will not be as large as last season. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 96, condition 94; pears, bloom 75, condition 90; plums, bloom 100, condition 87; cherries, bloom 100, condition 84; grapes, bloom 99, condition 101; strawberries, bloom 95, condition 82; raspberries, bloom 98, condition 100; blackberries, bloom 97, condition 97; gooseberries, bloom 80, condition 83; currants, bloom 75, condition 76. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number 90, condition 102; lambs, number 97, condition 100; calves, number 97, condition 102; colts, number 101, condition 100. The average price of colts at weaning time is \$49; cost of service, \$15. About 7 per cent. of the foals die before weaning time.

**MAUCON**—The area devoted to corn is about the same as last season, the stand is good and



the prospect is encouraging for even better than an average yield per acre. Corn planted on sod ground has been greatly injured by cut-worms. Sorghum is doing well but has less area than last season. Winter wheat promises about an average yield per acre. The growth during the past month has been rapid, and harvest will be earlier than usual. Spring wheat, oats and rye are in fine condition. Meadows and pastures are making good growth. Timothy meadows are a little short, owing to the drouth during the early spring. There is a slight increase in the area devoted to Irish and sweet potatoes, and the condition of the growing crop is good. The fruit yield will not be as large as that of last season. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 85, condition 52; pears, bloom 100, condition 75; plums, bloom 87, condition 60; cherries, bloom 71, condition 34; grapes, bloom 96, condition 97; strawberries, bloom 88, condition 59; raspberries, bloom 92, condition 87; blackberries, bloom 83, condition 82; gooseberries, bloom 57, condition 49; currants, bloom 70, condition 65. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 77, condition 99; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 104, condition 100. The average price of colts at weaning time is \$50; cost of service, \$14. About five per cent. of the foals die before weaning time.

MACOUPIN—There is a slight increase in the area devoted to corn over that of last season, and its condition has seldom been as promising on June 1. Sorghum has made good growth during the past month; the area is equal to that of last season. Oats and rye are a little uneven, but are in full average condition for June 1. Timothy meadows are a little backward, but with sufficient rain will make nearly an average yield. Clover is looking well. Pastures are in an average condition for June 1. The area devoted to Irish potatoes is not quite so large as last season; the sweet potato area is about the same as last season; both crops are doing well. With the exception of peaches, the fruit crop will be large; there will be a few peaches. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 103, condition 77; peaches, bloom 25, condition 52; pears, bloom 90, condition 79; plums, bloom 97, condition 81; cherries, bloom 95, condition 83; grapes, bloom 91, condition 90; strawberries, bloom 88, condition 72; raspberries, bloom 90, condition 90; blackberries, bloom 82, condition 94; gooseberries, bloom 89, condition 87; currants, bloom 86, condition 84. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 89, condition 98; lambs, number 95, condition 100; calves, number 104, condition 99; colts, number 104, condition 98. The average price of colts at weaning time is \$40; cost of service, \$11. About 4 per cent. of the foals die before weaning time.

MADISON—The area devoted to corn is about the same as that of last season; corn planting has been very backward owing to the continued rains during April; the plant is small and much of it needs cultivation;

the early planting made its appearance above ground April 30. The wet weather has had the effect of making the wheat head out at different heights; the prospect is good for nearly an average yield per acre. Oats and rye are doing well. Tobacco has made the usual growth for June 1, and has an area about equal to that of last season. Meadows are making good growth and will yield a full average per acre of hay. Pastures are about an average in condition for June 1. Irish and sweet potatoes are doing well, and have an area equal to that of last season. The fruit prospect is encouraging for every variety except peaches. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 96, condition 95; peaches, bloom 5, condition 90; pears, bloom 95, condition 90; plums, bloom 85, condition 80; cherries, bloom 85, condition 90; grapes bloom 100, condition 99; strawberries, bloom 80, condition 80; raspberries, bloom 90, condition 95; blackberries, bloom 95, condition 95; gooseberries, bloom 90, condition 85; currants, bloom 90, condition 85. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 92, condition 100; lambs, number 90, condition 96; calves, number 100, condition 100; colts, number 96, condition 100. The average price of colts at weaning time is \$50; cost of service, \$12. About 3 per cent. of the foals die before weaning time.

MARION—The area devoted to corn is considerably reduced when compared to that of last season. The condition is about an average for June 1. Broom corn and sorghum cane have made good growth during the past month. Winter wheat does not promise more than two-thirds of an average yield per acre. Oats never looked better on the 1st day of June than this season; the prospect is encouraging for a very large yield per acre. Meadows and pastures are in splendid condition, the season having been favorable to the growth of grasses. There is an increased area devoted to Irish and sweet potatoes and the condition of the growing crop is above the average for June 1. There is a fair prospect for every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1st as compared with an average, are as follows: Apples, bloom, 102, condition 69; peaches, bloom, 93, condition 57; pears, bloom, 80, condition 35; plums, bloom, 103, condition 35; cherries, bloom, 102, condition 57; grapes, bloom, 100, condition 100; strawberries, bloom, 94, condition 61; raspberries, bloom, 102, condition 105; blackberries, bloom, 92, condition 82; gooseberries, bloom, 77, condition 65; currants, bloom, 55, condition 25. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with the average are given by percentage, and are as follows: Pigs, number, 73, condition 85; lambs, number, 100, condition 102; calves, number, 95, condition 101; colts, number, 97, condition 97. The average price of colts at weaning time is \$43; cost of service, \$9. About 9 per cent. of the foals die before weaning time.

MARSHALL—The corn crop was planted much earlier this season than usual. The stand is good, as very little replanting was required, from any cause. The early plant-



ing made its appearance above ground April 25. Winter wheat was badly damaged by the cold, dry weather of the spring, and the prospect is not encouraging for more than two-thirds of an average yield per acre. Spring wheat, oats, rye and barley are making good growth, but are not quite up to the average for June 1. Meadows and pastures are in very poor condition; not more than half a crop of hay can be expected should the conditions remain favorable until harvest. Irish and sweet potatoes have made rapid growth during the past month, and have an area equal to that of last season. The fruit prospect is not encouraging. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 110, condition 45; pears, bloom 100, condition 45; plums, bloom 120, condition 40; cherries, bloom 90, condition 27; grapes, bloom 100, condition 80; strawberries, bloom 100, condition 72; raspberries, bloom 100, condition 70; blackberries, bloom 70, condition 55; currants, bloom 52, condition 52. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs number 85, condition 105; lambs, number 100, condition 100; calves number 87, condition 100; colts number 97, condition 100. The average price of colts at weaning time is \$40; cost of service, \$11. About 10 per cent. of the foals die before weaning time.

MASON—The season is about two weeks earlier than usual, and many farmers are plowing their corn a second time; the stand is good and the area about the same as last season. Broom corn and sorghum are doing well, but the area is reduced from that of last year. Winter wheat promises nearly an average yield per acre, and harvest will be ten days earlier than usual. Oats and rye have made rapid growth during the past month, but at this time need rain. Meadows and pastures are a little short on account of the continued dry weather. There will be a fair crop of every variety of fruit except peaches. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 88, condition 80; pears, bloom 100, condition 60; plums, bloom 85, condition 62; cherries, bloom 72, condition 73; grapes, bloom 78, condition 97; strawberries, bloom condition 65; raspberries, bloom 82, condition 88; blackberries, bloom 63, condition 65; gooseberries, bloom 70, condition 72; currants, bloom 73, condition 70. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 95, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is \$40; cost of service, 11. About 4 per cent. of the foals die before weaning time.

MASSAC—The growing corn looks well; stand and color good, and much of it has been plowed the second and third time. The area is larger than that of last season. Sorghum has made splendid growth during the past month. Winter wheat will make nearly an average yield per acre. Harvest will be much earlier than usual. Oats and rye are in splendid condition. Tobacco has made rapid growth but the area is not more than three-fourths of that of last season. Meadows and pastures have not made the usual

growth for June 1. Irish and sweet potatoes are doing well and have about the same area as last season. The peach crop will be larger than for several years past. There will be a fair yield of other fruits. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 100, condition 78; peaches, bloom 100, condition 130; pears, bloom 100, condition 100; plums, bloom 140, condition 117; cherries, bloom 100, condition 83; grapes, bloom 100, condition 83; strawberries, bloom 83, condition 78; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 90, condition 73; currants, bloom 85, condition 65. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number 80, condition 93; lamb 2, number 90, condition 97; calves, number 100, condition 100; colts, number 77, condition 93. The average price of colts at weaning time is \$37; cost of service \$9.

MCDONOUGH—The early corn made its appearance above ground April 10, but owing to the cool nights much of it had to be replanted as the stand was not good. The area is about the same as last season, and its condition is encouraging for better than an average yield per acre. Sorghum is doing well and has an area equal to that of last year. Winter wheat is in fine condition, the heads are large and the prospect good for an average yield per acre. The same may be said of spring wheat. Oats and rye are a little backward owing to the drouth in the early spring but at this time are doing well. Meadows and pastures are in about the usual condition for June 1. The area devoted to Irish potatoes is much larger than that of last season and the condition is above the average for this date. There will be only a fair fruit crop, the late frosts having done much damage. The percentage bloom this spring and the condition of fruit June 1st, as compared with an average are as follows: Apples, bloom 54, condition 35; pears, bloom 85, condition 62; plums, bloom 92, condition 75; cherries, bloom 90, condition 39; grapes, bloom 100, condition 90; strawberries, bloom 91, condition 84; raspberries, bloom 90, condition 85; blackberries, bloom 94, condition 92; gooseberries, bloom 75, condition 58; currants, bloom 58, condition 57. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage and are as follows: Pigs number 85, condition 90; lambs number 97, condition 98; calves number 103, condition 104; colts number 102, condition 101. The average price of colts at weaning time is \$46; cost of service, \$13. About seven per cent of the foals die before weaning time.

MCHEMRY—The growing corn crop was planted fully two weeks earlier than that of last season. The stand and color is good and the general condition is much above the average for June 1. The area is equal to that of last season. Broom corn and sorghum have made rapid growth during the past month. Winter wheat promises more than an average yield per acre. Spring wheat, oats, rye, barley and flax are making splendid growth. Meadows and pastures are a little backward, owing to the continued drouth. Irish potatoes are above the average condition for June 1; the area is about the same as that of last year. The fruit crop



is about the same as that of last season. The percentage of bloom this spring and the condition of fruit June, as compared with an average, are as follows: Apples, bloom 105, condition 90; pears, bloom 10, condition 100; plums, bloom 100, condition 100; cherries, bloom 35, condition 47; grapes, bloom 11, condition 105; strawberries, bloom 95, condition 95; raspberries, bloom 102, condition 102; blackberries, bloom 100, condition 100; gooseberries, bloom 110 condition 110; currants, bloom 110, condition 105. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 87, condition 100; lambs, number 97, condition 102; calves, number 97, condition 97; colts, number 97, condition 97. The average price of colts at weaning time is \$37; cost of service, \$12. About 3 per cent. of the foals die before weaning time.

MCLEAN — Farmers finished their corn planting much earlier this season than usual. Corn planted on sod lands has been greatly injured by cut-worms, many fields entirely destroyed. The general condition of the growing crop has never been better than on June 1. The area is about the same as that of last season. Sorghum is looking well; the area is twenty-five per cent. less than that of last season. Winter wheat is doing well and promises a full average yield per acre. Owing to the dry weather spring wheat, oats and rye are not quite up to the average for June 1. Clover meadows are in about an average condition, but timothy has suffered for the want of rain. Pastures are nearly an average in condition. There is a slight increase in the area devoted to Irish and sweet potatoes; both crops have made rapid growth during the past month. The fruit crop will not be as good as last season. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 87, condition 39; pears, bloom 87, condition 65; plums, bloom 85, condition 52; cherries, bloom 85, condition 65; grapes, bloom 96, condition 92; strawberries, bloom 96, condition 55; raspberries, bloom 89, condition 86; blackberries, bloom 69, condition 44; currants bloom 75, condition 59. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs number 115, condition 102; lambs number 106; condition 102; calves number 103, condition 100; colts number 93, condition 95. The average price of colts at weaning time is \$55; cost of service, \$16. About 10 per cent. of the foals die before weaning time.

MENARD—Corn planting began much earlier than usual this season, the weather being favorable to its rapid growth. The stand is good, and the general condition of the growing crop is much better than an average for June 1. A large area has been cultivated the second and third time. In some fields corn made its appearance above ground as early as the middle of April. Sorghum has on area equal to that of last season and is in good condition. Winter wheat promises more than an average yield per acre. Oats and rye are doing well at this time but have suffered from the drouth during the early part of the past month. Meadows and pastures are short and thin, owing to the want of rain. The area devoted to Irish potatoes is larger than that of last season and their condition is above the

average for June 1. The fruit prospect is not encouraging, the orchards of this county having suffered from winter-killing during the past three years. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 63, condition 48; pears, bloom 75, condition, 62; plums, bloom 50, condition 40; cherries, bloom 50, condition 40; grapes, bloom 72, condition 80; strawberries, bloom 62 condition 45; raspberries, bloom 67, condition 62; blackberries, bloom 67, condition 75; gooseberries, bloom 45, condition 55; currants, bloom 50, condition 50. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number 78 condition 85; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 103; condition 98. The average price of colts at weaning time is \$45; cost of service, \$16. About 10 per cent. of the foals die before weaning time.

MERCER—The area devoted to corn is not quite as large as that of last season. The condition of the growing crop is considerably above the average. Sorghum and broom corn are looking well. Winter wheat is very uneven, and does not promise more than two-thirds of an average yield per acre. Spring wheat, oats and rye are backward owing to the arourth. Meadows have seldom been in worse condition June 1 than this season, and pastures are drying up for want of rain. Irish and sweet potatoes have made good growth and have an area equal to that of last season. Small fruits are suffering for want of rain. There will be a fair crop of apples, pears and plums. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 69, condition 62; plums, bloom, 90, condition 50; cherries, bloom, 53, condition 37, grapes, bloom, 83, condition 80; strawberries, bloom, 94, condition 60; raspberries, bloom, 85, condition 80; blackberries, bloom, 87, condition 82; gooseberries, bloom, 93, condition 80; currants, bloom, 89, condition 87. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number, 67, condition 100; lambs, number, 117, condition 100; calves, number, 92, condition 100; colts, number, 83, condition 100. The average price of colts at weaning time is \$40; cost of service \$11. About 2 per cent. of the foals die before weaning time. ✓

MONROE—The growing corn is not up to the average for June 1. The early planting made its appearance above ground April 20. The area is about the same as last season. The condition of broom corn and sorghum cane is fully up to the average for this date. The prospect is not encouraging for more than one-half an average yield per acre of winter wheat. Oats, rye and barley have made splendid growth during the past month. Tobacco is doing well but the area is not quite so large as last season. Meadows and pastures were never in better condition than on June 1 this season. Irish and sweet potatoes have made the usual growth for this date. The fruit prospect is better than an average for every variety. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 100, con-



dition 90; peaches, bloom. 60, condition 60; pears, bloom. 80, condition 60; plums, bloom, 60, condition 60; cherries, bloom, 90, condition 50; grapes, bloom. 80, condition 60; strawberries, bloom, 100, condition 100; gooseberries, bloom, 100 condition 100; currants, bloom, 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number, 100, condition 100; lambs, number, 80, condition 100; calves, number, 110, condition 100; colts, number, 100, condition 100. The average price of colts at weaning time is \$35; cost of service \$10. About 5 per cent of the foals die before weaning time.

**MGNTGOMERY**—The early planting of corn made its appearance above ground May 1, and its general condition is about an average for this date. The area is somewhat larger than that of last season. Broom corn and sorghum are making rapid growth, and have an area equal to that of last season. Winter wheat promises more than an average yield per acre. Harvest will be earlier than usual. Oats, rye and barley are in fine condition. The latter crop has an area about the same as last year. Meadows and pastures have seldom been in better condition on June 1, the season having been unusually favorable for the rapid growth of grasses. Irish and sweet potatoes are fully up to the average in condition and have about the same area as last season. There will be more peaches and cherries this season than for several years past, and the prospect generally is good for a large yield of every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 104, condition 82; peaches, bloom 84, condition 70; pears, bloom 99, condition 50; plums, bloom 99; condition 51; cherries, bloom 95, condition 61; grapes, bloom 100, condition 100; strawberries, bloom 97, condition 84; raspberries, bloom 100 condition 1000; blackberries, bloom 97 condition 100; gooseberries, bloom 87, condition 63; currants, bloom 87, condition 63. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average, are given by percentage and are as follows: Pigs number 94, condition 100; lambs number 91; condition 100; calves number 102, condition 100; colts number 102, condition 100. The average price of colts at weaning time is \$41; cost of service, \$13. About four per cent, of the foals die before weaning time.

**MORGAN**—It has been several years since corn was in as fine condition on June 1 as this season. The stand and color is good, and the plant is growing rapidly. A large portion of the crop has been cultivated the second time. Winter wheat promises a larger yield per acre than an average. Oats rye and barley have made unusual growth for June 1. Meadows and pastures are in splendid condition. Irish and sweet potatoes are doing well and have an area equal to that of last season. There will be a fair crop of apples, pears and cherries. Small fruits are suffering for rain. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 91, condition, 84; peaches, bloom, 10, condition 10; pears, bloom, 90, condition 90; plums, bloom, 75, condition 58; cherries, bloom, 87 condition 87; grapes, bloom, 100, condition 100; straw-

berries, bloom, 97, condition 85; raspberries, bloom, 87, condition 87; blackberries, bloom, 83, condition 75; gooseberries, bloom, 100, condition 87; currants, bloom, 100, condition 87. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given as follows: Pigs, number, 82, condition 100; lambs, number, 105, condition 100; calves, number, 107, condition 100; colts, number, 97, condition 100. The average price of colts at weaning time is \$60; cost of service, \$15. About 6 per cent. of the foals die before weaning time.

**MOULTRIE**—There is an increase in the area devoted to corn this season, as compared to that of last. The early planting made its appearance above ground May 1. The condition of the growing crop is above the average for June 1. Broom corn is in splendid condition. Winter wheat promises nearly an average yield per acre. Oats, rye and flax are nearly up to the average condition for June 1. Meadows and pastures have suffered somewhat for the want of rain. The grass is short and thin. Irish and sweet potatoes are doing well; they have an area equal to that of last season. The fruit prospect is better than it was last season at this time. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 102, condition 63; peaches, bloom 100, condition, 80; pears, bloom 100, condition 70; plums, bloom 100, condition 25; cherries, bloom 100, condition 63; grapes, bloom 92, condition 83; strawberries, bloom 100, condition 83; raspberries, bloom 100, condition 83; blackberries, bloom 75, condition 72; gooseberries, bloom 73, condition 75; currants, bloom 55, condition 63. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number 75, condition 100; lambs, number 85, condition 100; calves, number 97, condition 98; colts, number 88, condition 103. The average number of colts at weaning time is \$42; cost of service, \$11. About 4 per cent. of the foals die before weaning time.

**OGLE**—Corn is in splendid condition; much of it has been cultivated the second time. The stand and color is good. The area is hardly as large as that of last season. Winter wheat has suffered for the want of rain and does not promise more than four-fifths of an average yield per acre. Spring wheat, oats and rye are a little backward, owing to the drouth, but at this time are making good growth. Meadows and pastures are below the average in condition for June 1. The hay crop will be very light. Irish and sweet potatoes have made the usual growth for this date, and have an area a little larger than that of last season. The prospect for fruit is not very favorable. No variety promises an average yield. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 80, condition 82; pears, bloom 100 condition 100; plums, bloom 60, condition 90; cherries, bloom 77, condition 65; grapes bloom 87, condition 80; strawberries, bloom 95, condition 90; raspberries, bloom 95, condition 97; blackberries, bloom 100 condition 97; gooseberries, bloom 95, condition 92; currants, bloom 85, condition 82. The number of births of farm animals this season as compared with last spring, and the condition of young stock as



compared with an average, are given by percentage, and are as follows: Pigs, number 75, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is \$40; cost of service, \$12.

**PERIA**—The early corn made its appearance above ground May 1. Unusual care was taken in the selection of the seed. The stand is good and the general condition above the average for this date. Winter wheat promises nearly an average yield per acre. Harvest will begin much earlier than usual. Spring wheat, oats and rye are backward owing to the drouth. Meadows and pastures are very short and thin. A good rain is needed at this time. Irish and sweet potatoes are doing well and have an area equal to that of last season. The fruit crop generally will be very light. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 48, condition 60; cherries, bloom, 63, condition 42; grapes, bloom, 82, condition 78; strawberries, bloom, 98, condition 77; raspberries, bloom, 92, condition 92; blackberries, bloom, 74, condition 84; gooseberries, bloom, 71, condition 87; currants, bloom, 75, condition 84. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 90, condition 96; lambs, number, 100, condition 97; calves, number, 94, condition 99; colts, number, 94, condition 96. The price of colts at weaning time is \$47; cost of service \$14. About 7 per cent. of the foals die before weaning time.

**PERRY**—The area devoted to corn is considerably larger than that of last season. The plant is strong and healthy and the stand is good; very little replanting having been required. Sorghum cane has made the usual growth for June 1. Winter wheat does not promise an average yield per acre. Oats and rye are in splendid condition and promise better than an average yield per acre. Meadows and pastures are a little backward, owing to the want of rain. Irish and sweet potatoes have done well and have an area equal to that of last season. There will be a very fair apple, pear and plum crop. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 102, condition 62; pears, bloom 95, condition 60; plums, bloom 100, condition 72; cherries, bloom 95, condition 52; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 75; raspberries, bloom 95, condition 90; blackberries, bloom 95, condition 90; gooseberries, bloom 62, condition 52; currants, bloom 57; condition 55. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with the average are given by percentage and are as follows: Pigs, number 62, condition 90; lambs, number 85, condition 100; calves, number 97, condition, 100; colts, number 105, condition 100. The average price of colts at weaning time is \$37; cost of service, \$10. About 10 per cent. of the foals die before weaning time.

**PIATT**—The area devoted to corn is about 10 per cent larger than that of last season, and the condition is above the average for June 1; the early planting made its appearance above ground May 10. Broom corn and

sorghum are above the average in condition, and the area is a little less than that of last season. Winter wheat is looking well and will make an average yield per acre. Spring wheat, oats and rye have made a fine growth during the past month, and the prospect is encouraging for an average yield per acre devoted to flax is about the same as last season, and its condition is good. Meadows and pastures have made fine growth during the past month. Irish and sweet potatoes have the usual area and are looking well. The prospect for fruit is fair; there will be no peaches. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 102, condition 62; pears, bloom 95, condition 60; plums, bloom 100, condition 72; cherries, bloom 95, condition 52; grapes, bloom, 100, condition 100; strawberries, bloom 100, condition 75; raspberries, bloom 102, condition 100; blackberries, bloom 95; condition 90; gooseberries, bloom 62, condition 52; currants, bloom 55, condition 55. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 58, condition 100; lambs, number 100, condition 100; calves, number 102, condition 100; colts, 105, condition 100. The average price of colts at weaning time is \$42; cost of service, \$19. About 2 per cent. of the foals die before weaning time.

**PIKE**—The early corn made its appearance above ground April 25; the general condition is above an average for June 1, and the area is about that of last season. Winter wheat promises a larger yield per acre than an average, and harvest will be fully two weeks earlier than last season. Oats and rye have made fine growth during the past month. There has not been enough rain during the past month to give grasses the usual growth for June 1, hence meadows and pastures are not up to the average condition. The area devoted to Irish and sweet potatoes is about the same as last season, and the condition of the growing crop is about an average. There will be a fair crop of apples, pears and cherries, and a few peaches. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 80, condition 56; peaches, bloom 22, condition 50; pears, bloom 75, condition 50; plums, bloom 92, condition 85; cherries, bloom 86, condition 67; grapes, bloom 100, condition 92; strawberries, bloom 84, condition 71; raspberries, bloom 89, condition 80; blackberries, bloom 80, condition 80; gooseberries, bloom 79, condition 65; currants, bloom 50, condition 42. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 7, condition 87; lambs, number 90, condition 100; calves, number 102, condition 100; colts, number 105, condition 100. The average price of colts at weaning time is \$35; cost of service, \$11. About 5 per cent. of the foals die before weaning time.

**POPE**—The condition of the growing crop of corn is not up to the average for June 1. The early planting made its appearance above ground April 15. The area is not as large as that of last season. Sorghum cane has not made the usual growth for this date. Winter wheat does not promise more than two-thirds of an average yield per acre. Oats are in fine condition. Tobacco has not done



well during the past month. The area is not more than half as large as last season. Meadows and pastures are doing well at this time, owing to the frequent showers. The area devoted to Irish and sweet potatoes is not as large as that of last season. The condition of the growing crop is not up to the average for June 1. The fruit prospect is very encouraging. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 97, condition 70; peaches, bloom, 100, condition 96; pears, bloom, 100, condition 97; plums, bloom, 100, condition 100; cherries, bloom, 100, condition 100; grapes, bloom, 90, condition 100; blackberries, bloom, 100, condition 100; gooseberries, bloom, 100, condition 100; currants, bloom, 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 87, condition 92; lambs, number, 97, condition, 100; calves, number, 87, condition, 100; colts, number, 97, condition 100. The average price of colts at weaning time is \$40; cost of service, \$7.

**PULASKI**—The growing crop of corn made a good stand and the growth during the past month has been very rapid and vigorous. The early planting made its appearance above ground April 5. Sorghum cane has made the usual growth for June 1, and has an area somewhat larger than last season. Winter wheat promises about an average yield per acre. Harvest begins the first of the week. Oats have not done well and do not promise more than three-fourths of an average yield per acre. Tobacco is in very poor condition and does not promise more than half a crop. Meadows and pastures are a little backward but there is great improvement in the condition of grasses since the recent rain. Irish and sweet potatoes are doing well. The fruit prospect is more encouraging than for several years past. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 105, condition 75; peaches, bloom, 107, condition 85; pears, bloom, 62, condition 50; plums, bloom, 75, condition, 75; cherries, bloom, 75, condition 80; grapes, bloom, 97, condition 85; strawberries, bloom, 62, condition 50; raspberries, bloom, 75, condition 75; blackberries, bloom, 100, condition 100; gooseberries, bloom, 75, condition 75; currants, bloom, 50, condition 50. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number, 110, condition 100; lambs, number, 110, condition 100; calves, number, 120, condition 100; colts, number, 100; condition 100. The average price of colts at weaning time is \$30; cost of service, \$10. About 10 per cent. of the foals die before weaning time.

**PUTNAM**—The growing crop of corn is doing well and its general condition is above an average for June 1. The area is about the same as last season. Sorghum has made splendid growth during the past month. Winter wheat does not promise more than three-fourths of an average yield per acre. Spring wheat, oats and rye are all a little backward but are making rapid growth at this time. Meadows and pastures are very thin and short. There will not be more than half a hay crop. Irish and sweet potatoes

have made fair growth during the past month and have an area equal to that of last season. The fruit prospect is not encouraging. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 75, condition 40; plums, bloom 80, condition 20; cherries, bloom 57, condition 22; grapes, bloom 88, condition 93; strawberries, bloom, 90, condition, 67; raspberries, bloom, 100, condition 97, blackberries, bloom 100, condition 100; gooseberries, bloom 93, condition 93; currants, bloom 93, condition 93. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage and are as follows: Pigs, number 95, condition 99; lambs, number 102; condition 102; calves, number 99, condition 100; colts, number 97, condition 99. The average price of colts, at weaning time is \$50; cost of service, \$15. About 3 per cent. of the foals die before weaning time.

**RANDOLPH**—The area devoted to corn is about the same as last season; the stand is very good but a little irregular; many fields have been cultivated a second time. The general condition is above an average. Broom corn and sorghum never looked better than at this season. Winter wheat promises nearly an average yield per acre; the early wheat is somewhat affected by the fly. Oats and rye are doing well. The area devoted to tobacco is about the same as last season and the condition of the growing crop is fully up to the average. Meadows and pastures have improved very much since May 1, there having been an abundance of rain. There is an increase in the area devoted to Irish and sweet potatoes and the condition of the growing crops is above an average. There will be an average crop of every variety of fruit except strawberries. The percentage of bloom this spring and the condition of fruit June 1st as compared with an average, are as follows: Apples, bloom, 100, condition 106; peaches, bloom, 102, condition 112; pears, bloom, 96, condition 96; plums, bloom, 95, condition 94; cherries, bloom, 85, condition 91; grapes, bloom, 104, condition 106; strawberries, bloom, 70, condition 82; raspberries, bloom, 85, condition 80; blackberries, bloom, 100, condition 99; gooseberries, bloom, 95, condition 99; currants, bloom, 94, condition 90. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs number, 90 condition 95; lambs, number, 97, condition 100; calves, number, 102, condition 100; colts, number, 65, condition 95. The average price of colts at weaning time is \$40; cost of service, \$15. About 10 per cent. of the foals die before weaning time.

**RICHLAND**—The growing corn crop is in fine condition; the stand is good, and the prospect encouraging for a larger yield per acre than for several years past; the area is about the same as last season. Broom corn and sorghum are looking well. Winter wheat does not promise more than three-fourths of an average yield per acre; harvest will be ten days earlier than last season. The season has been very favorable for the growth of oats and rye, and the prospect is good for a better than average yield per acre. Meadows and pastures are doing well since the recent rain. The area devoted to Irish and sweet potatoes is larger



than last season, and the condition was never better on June 1. The fruit prospect is more encouraging than for several years past. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 79; peaches, bloom 100, condition 73; pears, bloom 100, condition 68; plums, bloom 100, condition 62; cherries, bloom 97, condition 60; grapes, bloom 97, condition 75; strawberries, bloom 96, condition 87; raspberries, bloom 99, 96; blackberries, bloom 99, condition 99; gooseberries, bloom 94, condition 62; currants, bloom 66, condition 36. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs number 89, condition 90; lambs number 100, condition 100; calves number 97, condition 94; colts number 94, condition 96. The average price of colts at weaning time is \$37, cost of service, \$9. About seven per cent. die before weaning time.

ROCK ISLAND—Corn is much further advanced than usual for this date. The stand is good and with the exception of that planted on sod lands is free from insects. The area is a little larger than that of the previous season. Sorghum is doing well and has an area equal to that of last year. Winter wheat promises about four-fifths of an average yield per acre. The same may be said of spring wheat. Oats, rye and barley have made the usual growth for June 1. Meadows and pastures are not up to the average condition for this date, owing to the drouth during the early spring. Irish and sweet potatoes are doing well. There will be a very light fruit crop. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 66, condition 80; plums, bloom 95, condition 42; cherries, bloom 52, condition 32; grapes, bloom 97; condition 99; strawberries, bloom 77, condition 71; raspberries, bloom 82, condition 88; blackberries, bloom 88, condition 92; gooseberries, bloom 61, condition 63; currants, bloom 65, condition 68. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number 76, condition 95; lambs, number 88, condition 98; calves, number 100, condition 99; colts, number 96, condition 99. The average price of colts at weaning time is \$33; cost of service, \$12. About 7 per cent. of the foals die before weaning time.

SALINE—The early corn made its appearance above ground April 4. The area is a little larger than that of last season, but the condition is hardly up to the average for June 1. Sorghum has made fair growth during the month. Winter wheat will not yield to exceed three-fourths of an average yield per acre. Oats have made good growth. Tobacco is not up to the average in condition for June 1. The area is greatly reduced when compared to that of last season. Meadows and pastures are rather backward, but are somewhat improved since the recent rain. Irish and sweet potatoes have made fair growth and have an area equal to that of last season. There is a fair prospect for nearly every variety of fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 92, condition 97; peaches, bloom 127, condition 95; pears,

bloom 92, condition 93; plums, bloom 100, condition 97; cherries, bloom 98, condition 97; grapes, bloom 102, condition 98; strawberries, bloom 100, condition 97; raspberries, bloom 100; condition 97; blackberries, bloom 103, condition 98; gooseberries, bloom 95; condition 95; currants, bloom 100; condition 98. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 95, condition 100; lambs, number 100, condition 100; calves, number 97, condition 100; colts, number 100, condition 102. The average price of colts at weaning time is \$40; cost of service, \$8. About 2 per cent of the foals die before weaning time.

SANGAMON—The area devoted to corn is about the same as that of last season. The growth during the past month has been very vigorous and rapid. The stand and color is good. The general condition is considerably above the average for June 1. More care and attention was devoted to broom corn and sorghum and the condition of the growing crops is good. Winter wheat is in better condition than for several years past. The growth is very rank and harvest will commence about the middle of June. Oats and rye have made the usual growth for June 1. The limited area of tobacco planted in this county is doing well. Meadows and pastures are not quite up to the average for this date, owing to the drouth during April and May. Clover is looking much better than timothy. The usual area is devoted to Irish and sweet potatoes and the condition is about the average for June 1. There is considerable complaint of potato bugs. The fruit prospect is not as good as last season at this date. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 87, condition 23; peaches, bloom 10, condition 5; pears, bloom 97, condition 22; plums, bloom 103, condition 30; cherries, bloom 96, condition 23; grapes, bloom 85, condition 83; strawberries, bloom 95, condition 78; raspberries, bloom 95, condition 94; blackberries, bloom 76, condition 97; gooseberries, bloom 100, condition 90; currants, bloom 87, condition 70. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number 86, condition 99; lambs, number 100, condition 100; calves, number 96, condition 97; colts, number 91, condition 100. The average price of colts at weaning time is \$50; cost of service, \$14. About 4 per cent. of the foals die before weaning time.

SCHUYLER—The stand of corn is good, and the area a little larger than last season. The quality of the seed was much above an average. The earliest planted corn appeared above ground May 3. Winter wheat looks well and promises almost an average yield per acre. Oats and rye are in fine condition. Broom corn and sorghum are up to an average. Meadows and pastures are in nearly as good condition as usual. Irish and sweet potatoes are an average in condition and area. Fruit prospects are not very good. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 77, condition 37; pears, bloom 55, condition 100; plums, bloom 100; cherries, bloom 75, condition 62; grapes, bloom 90, condition 95;



strawberries, bloom 102, condition 77; raspberries, bloom 95, condition 97; blackberries, bloom 100, condition 85; gooseberries, bloom 50, condition 40; currants, bloom 50, condition 40.

SCOTT—The area of corn is not quite so large as in 1886, but the condition promises more than an average yield per acre. The earliest planted made its appearance above ground April 15. Winter wheat is in better than an average condition. Oats and rye look well. Meadows are a little short but pastures are doing well. Irish and sweet potatoes are up to an average in condition and yield. Fruit prospects are fair, excepting peaches and blackberries. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 107, condition 80; peaches, bloom, 20, condition 5; pears, bloom, 100, condition 100; plums, bloom, 103, condition 75; cherries, bloom, 103, condition 75; grapes, bloom, 95, condition 95; strawberries, bloom, 107, condition 77; raspberries, bloom, 77, condition 83; blackberries, bloom, 42, condition 50; gooseberries, bloom, 92, condition 75; currants, bloom, 83, condition 83. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 75, condition 85; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 107, condition 100. The average price of colts at weaning time is \$38; cost of service, \$13. About 5 per cent. of the foals die before weaning time.

SHELBY—The area devoted to corn is somewhat larger than that of last season. The early planting made its appearance above ground April 20. The stand and color is good. Much of the crop has been cultivated the second time, and its general condition is above an average for June 1. Broom corn and sorghum cane are in fine condition. The prospect for a better than an average yield per acre of winter wheat is very encouraging. Oats, rye and barley have made fine growth during the past month. Tobacco looks well and has an area about the same as last year. Meadows and pastures are above the average in condition for June 1. Irish and sweet potatoes are doing well and have an area equal to that of last season. The fruit prospect is better than last season at this date. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average are as follows: Apples, bloom, 106, condition 73; peaches, bloom, 93, condition 54; pears, bloom, 107, condition 60; plums, bloom, 103, condition 58; cherries, bloom, 95, condition 63; grapes, bloom, 97, condition 92; strawberries, bloom, 92, condition 93; raspberries, bloom, 93, condition 99; blackberries, bloom, 103, condition 103; gooseberries, bloom, 93, condition 92; currants, bloom, 75, condition 65. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number, 70, condition 93; lambs, number, 97, condition 107; calves, number, 108, condition 105; colts, number, 107, condition 102. The average price of colts at weaning time is \$45; cost of service, \$10. About 6 per cent. of the foals die before weaning time.

STARK—The growing crop of corn is in better than an average condition for June 1.

The early planting made its appearance above ground April 16. The area is about the same as last year. Broom corn and sorghum cane made splendid growth during the past month. Winter wheat will make but little over four-fifths of an average yield per acre. Spring wheat, oats, rye and barley are not up to the average condition for June 1, owing to the continued drouth. For the same reason meadows and pastures are very backward. Irish and sweet potatoes have an area equal to that of last season, and are doing well. There will be very little fruit of any kind. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 89, condition 74; plums, bloom, 102, condition 86; cherries, bloom, 90, condition, 69; grapes, bloom, 95, condition 95; strawberries, bloom, 102, condition 89; raspberries, bloom, 92, condition 85; blackberries, bloom, 82, condition 77; gooseberries, bloom, 96, condition 93; currants, bloom, 93, condition 92. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number, 91, condition 100; lambs, number, 100, condition 100; calves, number, 98, condition 100; colts, number, 102, condition 100. The average price of colts at weaning time is \$44; cost of service, \$11. About 6 per cent. of the foals die before weaning time.

ST. CLAIR—Corn has not made the usual growth for June 1; the area is somewhat larger than that of last season; the early planting made its appearance above ground May 10. Winter wheat promises nearly an average yield per acre. Harvest will begin fully two weeks earlier than usual. Oats and rye have made unusual growth during the past month. The season has been favorable for the growth of grasses, hence meadows and pastures are in better condition than usual for June 1. Irish and sweet potatoes are making good growth and have an area equal to that of last season. The fruit prospect is more encouraging than last season at this date. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 75, condition 80; peaches, bloom, 67, condition 85; pears, bloom, 72, condition 100; plums, bloom, 70, condition 85; cherries, bloom, 75, condition 100; grapes, bloom, 72, condition 75; strawberries, bloom, 97, condition 100; raspberries, bloom, 95, condition 97; blackberries, bloom, 102, condition 100; gooseberries, bloom, 100, condition 100; currants, bloom, 95, condition 92. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 100, condition 100; lambs, number, 97, condition 100; calves, number, 101, condition 100; colts, number, 102, condition 100. The average price of colts at weaning time is \$25; cost of service, \$13. About 1 per cent. of the foals die before weaning time.

STEPHENSON—Corn has seldom been in better condition than this season on the 1st of June; the early corn made its appearance May 1. There is some complaint of cutworms among the corn planted on sod land. Winter wheat promises about three-fourths of an average yield per acre. Owing to the continued drouth spring wheat, oats, rye and barley are far below the average for June 1.



Meadows and pastures are in poorer condition than at any season for a number of years past. The area devoted to Irish potatoes is much larger than last year and the condition is hardly up to the average for June 1. There will be very little fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 64, condition 54; plums, bloom, 88, condition 66; cherries, bloom, 34, condition 24; grapes, bloom, 96, condition 94; strawberries, bloom, 96, condition 71; raspberries, bloom, 90, condition 83; blackberries, bloom, 85, condition 78; gooseberries, bloom, 75, condition 75; currants, bloom, 44, condition 17. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 80, condition 98; lambs, number, 98, condition 100; calves, number, 97, condition 98; colts, number, 96, condition 100. The average price of colts at weaning time is \$33; cost of service, \$11. About 7 per cent. of the foals die before weaning time.

TAZEWELL—There is an increased area devoted to corn this season as compared with last and the condition of the growing crop is better than an average for June 1. Winter wheat is looking well and the prospect is encouraging for nearly an average yield per acre. Spring wheat, oats and rye are in a fair average condition for this date. Meadows and pastures are a little thin and short, owing to the want of rain during April. The usual area has been planted to Irish and sweet potatoes and the growing crops are doing well. There is a fair prospect for fruit. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 100, condition 82; plums, bloom, 100, condition 100; cherries, bloom, 75, condition 75; grapes, bloom, 100, condition 100; strawberries, bloom, 95, condition 75; raspberries, bloom, 95, condition, 80; blackberries, bloom, 65, condition, 75; gooseberries, bloom, 100, condition, 100; currants, bloom, 50, condition 50. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by percentage, and are as follows: Pigs, number 67, condition 100; lambs, number 100, condition 100; calves, number 105, condition 100; colts, number 102, condition 100. The average price of colts at weaning time is \$40; cost of service, \$16. About 5 per cent. of the foals die before weaning time.

UNION—The stand of corn is good and the area as large as last season. The quality of the seed was good. The first planting appeared above ground April 26. Winter wheat will not yield two-thirds of an average crop per acre. The Hessian fly has injured it greatly and the chinch bugs are now working in it. Oats are looking well. The dry weather has cut meadows and pastures a little short. Irish and sweet potatoes are not quite up to an average in condition. The area for sorghum is as large as in 1886 and the condition is nearly up to an average. Much of the fruit is in only fair condition, the late frost having caused much of it to drop. The percentage of bloom this spring and the condition of fruit June 1 as compared with an average, are as follows: Apples, bloom, 110, condition 62; peaches, bloom, 112, condition 100; pears, bloom, 100, condition 90; plums, bloom, 100, condition 95; cherries, bloom, 100, condition 95; grapes,

bloom, 87, condition 87; strawberries, bloom, 90, condition 65; raspberries, bloom, 100, condition 100; blackberries, bloom 100, condition 102; gooseberries, bloom, 95, condition 80.

VERMILION—The corn prospect is unusually good, and the area is some larger than last season. The ground is clean and in good condition. The earliest planted made its appearance above ground April 25th. Winter wheat promises a better yield than for several years. Oats, rye and barley are up to an average in condition, but the barley area is not over half so large as last season. Meadows and pastures and Irish and sweet potatoes are in average condition. There will be only a fair crop of most kinds of fruit. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom 100, condition 65; pears, bloom 75, condition 75; plums, bloom 100, condition 100; cherries, bloom 75, condition 75; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 75; raspberries, bloom 100, condition 100; blackberries, bloom 55, condition 62; gooseberries, bloom 100, condition, 75; currants, bloom 100, condition 50.

WABASH—Corn is a little late, but in good condition for its age. The earliest planted appeared above ground May 5. The area of sorghum is not quite so large as in 1886, but the condition is nearly up to an average. The outlook for winter wheat is very discouraging. It will not make two-thirds of an average crop per acre. It was badly injured by the fly. Oats promise over an average yield with favorable conditions until harvest. Meadows and pastures are in very fair condition. Irish and sweet potatoes are about up to an average. The late frost injured the fruit and there will be a light yield. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 100, condition 57; peaches, bloom 105, condition 50; pears, bloom 103, condition 40; plums, bloom 100, condition 22; cherries, bloom 100, condition 29; grapes, bloom 79 condition 52; strawberries, bloom 100, condition 80; raspberries, bloom 100, condition 97; blackberries, bloom 100, condition 100; gooseberries, bloom 96, condition 36; currants, bloom 96, condition 32. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 94, condition 102; lambs, number 74, condition 100; calves, number 102, condition 100; colts, number 101, condition 102. The average price of colts at weaning time is \$47; cost of service, \$11. About 5 per cent. of the foals die before weaning time.

WARREN—Corn is in much better condition than an average for June 1. The early planting made its appearance above ground April 23, earlier than ever known before in this county; the area is a little larger than that of last season. Broom corn and sorghum have made splendid growth during the past month. Winter wheat promises an average yield per acre and harvest will be much earlier than usual. The prospect is encouraging for an average yield per acre of spring wheat, oats and rye. The limited area devoted to tobacco in this county is in fine condition. Timothy meadows are short; but clover meadows are in much better condition. The want of rain during the early



spring has had the effect to shorten pastures. The area devoted to Irish and sweet potatoes is larger than last season and the condition of the growing crops is good. There is a fair prospect for every variety of fruit except peaches. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 96, condition 74; pears, bloom, 100, condition 62; plums, bloom 100, condition 72; cherries, bloom, 82, condition 61; grapes, bloom, 82, condition 87; strawberries, bloom, 103, condition 74; raspberries, bloom, 99, condition 95; blackberries, bloom, 87, condition 85; gooseberries, bloom, 99, condition 86; currants, bloom, 98, condition 84; The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 100, condition 101; lambs, number, 94, condition 100; calves, number, 98, condition 101; colts, number, 101, condition 100. The average price of colts at weaning time is \$36; cost of service, \$14. About 4 per cent. of the foals die before weaning time.

WASHINGTON—The area devoted to corn is not quite as large as that of last season. The growing crop is in fine condition, much of it having been cultivated the second time, and is unusually clean. Sorghum is not up to the average for June 1. Winter wheat promises about four-fifths of an average yield per acre, having improved greatly since the last rains. There is some complaint of chinch bugs and Hessian fly. Oats and rye are in better condition than an average for this date, and the prospect is encouraging for an unusually large yield per acre. Tobacco is making rapid and vigorous growth and has an area equal to that of last season. Meadows and pastures are not in quite as good condition as last season at this date, but since the recent rains have made great improvement. Irish and sweet potatoes are hardly up to the average in condition for June 1. The fruit prospect is good for every variety except cherries, which for some reason are falling from the trees. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 100, condition 88; peaches, bloom, 106, condition 102; pears, bloom, 105, condition 97; plums, bloom, 100, condition 103; cherries, bloom, 102, condition 76; grapes, bloom, 100, condition 92; strawberries, bloom, 97, condition 80; raspberries, bloom, 100, condition 92; blackberries, bloom, 102, condition 82; gooseberries, bloom, 96, condition 77; currants, bloom, 95, condition 58. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 73, condition 75; lambs, number, 97, condition 92; calves, number, 102, condition 97; colts, number, 100, condition 100. The average price of colts at weaning time is \$10; cost of service, \$9. About 6 per cent. of the foals die before weaning time.

WAYNE—Corn is a little late, and the condition not quite so good as we would like. The area is a little larger than last year; the early planting came up April 20. Broom corn and sorghum are not quite up to an average in condition. There will be but little over a third of a crop of winter wheat; both the Hessian fly and the chinch bug are working upon it. Oats are in fine condition and promise over an average yield per acre.

Rye will not yield over one-fourth of an average crop. Meadows are a little short, but pastures are in good seasonable condition. Irish and sweet potatoes are not quite up to an average. Tobacco promises an average yield. Fruit is in only fair condition. The percentage of bloom this spring and the condition of fruit June 1st, as compared with an average, are as follows: Apples, bloom, 112, condition 80; peaches, bloom, 115, condition 130; pears, bloom, 93, condition 57; plums, bloom, 100, condition 45; cherries, bloom, 100, condition 30; grapes, bloom, 83, condition 65; strawberries, bloom, 100, condition 87; raspberries, bloom, 81, condition 81; blackberries, bloom, 79, condition 76; gooseberries, bloom, 94, condition 61; currants, bloom, 74, condition 46. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by percentage, and are as follows: Pigs, number, 77, condition 90; lambs, number, 103, condition 103; calves, number, 97, condition 100; colts, number, 103, condition 100. The average price of colts at weaning time is \$36; cost of service, \$8. About 5 per cent. of the foals die before weaning time.

WHITE—Corn is doing well, with a good stand. The planting is nearly all done and some of it has been plowed twice. The early planting came up April 15. The area is some larger than last year. Broom corn and sorghum are in good condition. Winter wheat does not promise much over half an average yield per acre, owing to the fly and chinch bug. Oats promise more than an average crop. Meadows and pastures are doing well, but a little short, owing to the drouth. Irish and sweet potatoes are nearly up to an average in condition. There will be only an average fruit crop this year. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 97, condition 77; peaches, bloom 102, condition 87; pears, bloom 95, condition 77; plums, bloom 97, condition 42; cherries, bloom 101, condition 66; grapes, bloom 80, condition 77; strawberries, bloom 93, condition 77; raspberries, bloom 83; condition 82; blackberries, bloom 82, condition 82; gooseberries, bloom 77; condition 59; currants, bloom 67, condition 70. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 85, condition 97; lambs, number 94, condition 100; calves, number 95, condition 100; colts, number 95, condition 97. The average price of colts at weaning time is \$29; cost of service, \$10. About 6 per cent. of the foals die before weaning time.

WHITESIDE—Corn has made good progress this season, but the cut worm has done considerable damage, and many farmers have had to replant twice. The early planted corn made its appearance above ground May 1. Sorghum is in fair condition. Spring wheat, and all other small grain, is suffering from drouth. At present the prospect is for less than three-fourths of an average yield per acre. Oats and rye are in about the same condition as spring wheat. Meadows and pastures have suffered most from the drouth and are in only about half an average condition. There is a little larger area in Irish potatoes this season than last, and their condition is nearly up to an average. Most kinds of fruit will yield only a light crop. The percentage of bloom this spring



and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 90, condition 50; plums, bloom 100, condition 75; cherries, bloom 50, condition 25; grapes, bloom 72, condition 72; strawberries, bloom 75, condition 68; raspberries, bloom 75, condition 75; blackberries, bloom 67, condition 67; gooseberries, bloom 100, condition 100, currants, bloom 85; condition 85. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 70, condition 100; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 105, condition 100. The average price of colts at weaning time is \$50; cost of service, \$12.

**WILL**—The area devoted to corn is not as large as that of last season and its condition is hardly up to the average. The early planting made its appearance above ground May 1. Sorghum is making fair growth; the area is somewhat less than that of last season. Winter wheat promises nearly an average yield per acre. Spring wheat, oats, rye and barley are all backward, owing to the continued dry weather. Flax has an area equal to that of last season, but is not up to the average in condition for June 1. The drouth has injured the prospect for tobacco. Meadows and pastures are considerably below the average condition for June 1. The usual area has been seeded to Irish potatoes, but owing to the want of rain this crop is not doing well. The fruit prospect is about the same as last year. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 85, condition 57; pears, bloom 80, condition 75; plums, bloom 95, condition 80; cherries, bloom 68, condition 49; grapes, bloom 93, condition 86; strawberries, bloom 79, condition 63; raspberries, bloom 65, condition 66; blackberries, bloom 83, condition 83; gooseberries, bloom 81, condition 57; currants, bloom 80, condition 64. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 90, condition 100; lambs, number 97, condition 100; calves, number 100, condition 94; colts, number 100, condition 99; The average price of colts at weaning time is \$48; cost of service, \$13. About 6 per cent. of the foals die before weaning time.

**WILLIAMSON**—There is an increase in the area devoted to corn when compared to that of last season. The stand is good and the condition generally a fair average for June 1. The early planting made its appearance above ground April 25. Broom corn and sorghum are doing well. There will be but little over a half yield per acre of winter wheat. Oats and rye have made the usual growth for June 1. The season has been unusually favorable for cotton, and the limited area devoted to this crop is above the average condition for June 1. Not more than fifty per cent. of the area devoted to tobacco last season has been planted this year. The condition of the growing crop is below the average for June 1. Meadows and pastures are looking well. The usual area has been planted to potatoes and the growing crops are in good condition. The fruit prospect is more encouraging than for several years past. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom, 97, condition 87; peaches, bloom, 124, condition 116; pears, bloom, 98, condition 79; plums, bloom, 97, condition 73; cherries, bloom, 95, condition, 94; grapes, bloom, 100, condition 82; strawberries, bloom, 90, condition 66; raspberries, bloom, 98, condition 97;

blackberries, bloom, 100, condition 100; gooseberries, bloom, 93, condition 79; currants, bloom, 87, condition 94. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with the average, are given by percentage, and are as follows: Pigs, number, 87, condition 85; lambs, number, 95, condition 98; calves, number, 99, condition 100; colts, number, 93, condition 100. The average price of colts at weaning time is \$41; cost of service, \$8. About 3 per cent. of the foals die before weaning time.

**WINNEBAGO**—Corn came up about May 1, quick and strong. The seed was good and with favorable conditions the yield will be larger than usual. Sorghum is in fair average condition; the yield is not quite so large as last season. Winter wheat has been injured by the drouth and the prospect is not good for three-fourths of an average yield per acre. Spring wheat and oats are in a little better condition, but rye and barley will not make more than three-fourths of an average crop. Meadows and pastures are very poor. The drouth has affected all vegetation quite seriously. Irish potatoes are a little below the average in condition. The fruit crop will be very light. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average are as follows: Apples, bloom 72, condition 45; pears, bloom 100, condition 90; plums, bloom 77, condition 45; cherries, bloom 62, condition 35; grapes, bloom 93, condition 88; strawberries, bloom 96, condition 80; raspberries, bloom 90; condition 82; blackberries, bloom, 42, condition 37; gooseberries, bloom, 100, condition 35; currants, bloom, 100, condition 62. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 51, condition 100; lambs number 70, condition 107; calves, number, 99, condition 98; colts, number 92, condition 97. The average price of colts at weaning time is \$42; cost of service, \$14. About two per cent of the foals die before weaning time.

**WOODFORD**—Corn is in good condition and free from weeds. In some localities the cut worm has done some damage. The early planted corn came up about May 1. Broom corn and sorghum are in good seasonable condition. The late rains have brought the winter wheat out wonderfully, and the prospect is good for nearly an average yield per acre. Spring wheat and oats are in fair condition. Rye is in nearly an average condition. Meadows and pastures are very backward, owing to the drouth. Hay will be a very short crop. Irish and sweet potatoes are in fair average condition. The late frost caused the fruit buds to fall, and the yield will be rather small. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 82, condition 75; pears, bloom 90, condition 80; cherries, bloom 97, condition 70; grapes, bloom 95, condition 90; strawberries, bloom 100, condition 85; raspberries, bloom 80, condition 75; blackberries, bloom 67, condition 72; gooseberries bloom 95, condition 95; currants, bloom 75, condition 70. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by percentage, and are as follows: Pigs, number 62, condition 98; lambs, number 100, condition 100; calves, number 100, condition 98; colts, number 95, condition 100. The average price of colts at weaning time is \$67; cost of service, \$15. About 10 per cent. of the foals die before weaning time.



AREA AND CONDITION OF CORN.

COUNTIES.	Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area 1887, com- pared with 1886.	Condition June 1, 1887.	Condition June 1, 1886.	Condition June 1, 1885.	Condition June 1, 1884.	Condition June 1, 1883.	Condition June 1, 1882.	Condition June 1, 1881.	Quality of seed compared to an average.	First appearance above ground.
NORTHERN DIVISION.															
Boone .....	34,090	35,405	32,076	33,689	30,877	99	102	89	81	95	75	81	77	104	May 5.
Bureau .....	169,168	165,203	151,991	145,066	46,454	94	99	99	92	94	70	81	73	102	April 25.
Carroll .....	65,768	68,658	60,950	64,097	62,507	104	102	101	92	97	65	75	80	109	May 1.
Cook .....	57,277	48,937	46,109	44,728	43,179	101	104	100	89	95	73	75	82	103	May 5.
DeKalb .....	117,684	111,901	104,484	107,823	99,881	101	105	98	95	109	83	73	81	104	May 6.
DuPage .....	34,388	31,199	30,630	33,064	31,039	100	109	97	87	87	85	78	86	114	May 1.
Grundy .....	90,255	87,536	78,792	80,875	88,793	107	109	77	87	103	74	76	113	106	May 1.
Henderson .....	72,369	64,691	64,691	58,705	56,489	10	90	106	60	100	70	69	88	95	April 25.
Henry .....	182,526	172,366	151,404	143,491	135,077	98	104	92	86	96	67	65	78	103	May 1.
Iroquois .....	212,568	216,783	209,528	206,700	213,628	102	111	107	84	113	91	85	102	117	May 1.
JoDavies .....	49,181	57,385	51,404	53,932	43,132	102	100	87	90	98	76	85	88	111	April 20.
Kane .....	58,089	54,713	52,591	57,257	55,457	101	97	98	87	98	76	85	77	104	May 1.
Kankakee .....	109,438	100,637	79,364	93,604	98,012	102	105	103	90	100	85	86	111	11	May 1.
Kendall .....	68,338	92,109	58,065	57,872	58,251	99	99	87	80	99	61	79	70	105	May 1.
Knox .....	134,595	127,172	119,926	120,741	103,938	101	109	97	86	103	53	60	100	112	April 20.
Lake .....	26,744	27,634	23,584	24,082	22,881	102	101	98	85	96	92	94	87	107	May 10.
LaSalle .....	254,340	219,972	192,978	194,342	216,884	94	103	98	67	92	50	77	72	109	May 1.
Lee .....	142,146	140,146	140,140	179,008	139,571	98	102	95	95	101	83	81	95	106	May 5.
Livingston .....	246,651	248,680	233,762	233,762	242,264	102	110	102	76	99	66	63	106	107	May 1.
Marshall .....	57,907	80,000	80,000	67,575	75,872	102	100	87	65	103	77	85	95	100	April 25.
McHenry .....	59,944	56,576	56,546	56,835	57,131	100	108	96	95	99	87	92	9	107	May 5.
Mercer .....	97,497	91,523	80,749	81,531	81,224	96	107	107	70	98	71	77	88	115	May 1.
Ogle .....	122,639	118,455	116,858	130,277	121,577	97	105	96	95	97	87	82	90	110	May 5.
Peoria .....	92,258	86,288	87,007	83,525	80,181	94	101	100	65	96	68	77	74	107	May 1.
Putnam .....	26,538	25,557	27,694	27,349	26,785	100	106	97	90	96	83	83	85	109	May 1.
Rock Island .....	58,887	53,817	53,625	53,504	48,667	101	103	99	79	102	76	89	73	102	April 20.
Stark .....	61,846	61,358	59,345	60,802	65,608	106	107	99	80	101	82	77	86	108	April 16.
Stephenson .....	81,438	82,711	78,569	74,621	72,156	100	104	95	91	96	86	80	91	100	May 1.
Warren .....	114,538	110,146	97,398	102,200	97,105	102	108	108	82	106	84	83	95	105	April 28.
Whiteside .....	113,675	103,354	88,796	100,728	100,927	100	92	89	112	75	80	75	70	107	May 1.
Will .....	120,203	120,387	115,372	116,728	118,969	95	93	106	112	88	88	78	90	103	May 1.
Winnebago .....	76,187	75,416	71,857	69,909	71,426	103	105	82	92	97	70	62	100	112	May 1.
Woodford .....	111,580	106,576	100,398	104,192	106,006	102	103	95	82	115	68	76	103	100	May 1.
Total or average .....	3,320,652	3,315,291	3,004,889	3,062,614	3,011,948	100	103	96	84	98	75	78	88	106	



## AREA AND CONDITION OF CORN—Continued.

COUNTIES.	Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area 1887, com- pared with 1886	Condition June 1, 1887.	Condition June 1, 1886.	Condition June 1, 1885.	Condition June 1, 1884.	Condition June 1, 1883.	Condition June 1, 1882.	Condition June 1, 1881.	Quality of seed compared to an average.	First appearance above ground.
CENTRAL DIVISION.															
Adams.....	87,371	86,108	86,663	90,761	84,910	107	100	96	81	97	78	66	100	100	May 1.
Brown.....	33,156	30,862	29,490	31,652	26,659	110	100	100	75	78	68	75	100	*108	May 11.
Calhoun.....	14,576	16,239	15,619	22,173	13,807	102	97	100	84	76	80	79	90	100	May 5.
Cass.....	49,837	42,698	41,292	47,342	43,380	111	115	97	85	81	74	47	92	114	April 25.
Champaign ..	201,183	212,665	197,343	212,151	221,355	102	100	98	100	98	96	62	91	102	April 1.
Christian.....	125,891	120,995	122,114	144,320	128,046	101	102	100	90	86	73	47	98	104	May 1.
Clark.....	38,544	39,406	41,600	40,775	37,874	106	99	93	85	83	91	80	77	105	May 12.
Coles.....	64,700	57,001	54,222	44,873	63,500	98	101	107	84	91	81	67	85	110	April 15.
Cumberland ..	32,332	28,881	28,339	24,030	28,344	97	97	92	88	87	83	82	82	106	May 1.
De Witt.....	80,236	85,188	79,813	93,617	82,055	97	107	105	73	109	93	72	98	112	May 3.
Douglas.....	79,935	63,337	53,262	62,175	77,227	110	103	105	90	75	82	48	82	112	April 25.
Edgar.....	77,918	19,312	90,643	102,406	94,413	104	104	96	87	87	92	70	84	102	May 1.
Ford.....	110,103	111,893	108,411	103,812	104,242	103	106	11	75	109	82	63	101	112	May 1.
Fulton.....	104,246	100,162	101,351	102,456	97,491	96	106	95	79	93	77	42	97	106	April 10.
Greene.....	52,964	58,374	52,078	72,269	65,872	98	103	107	79	82	90	86	111	102	April 30.
Hancock.....	109,383	98,922	99,713	93,754	91,002	99	111	100	90	100	67	51	98	109	April 20.
Jersey.....	33,594	34,423	34,423	33,922	37,411	99	96	100	85	68	80	76	102	105	May 1.
Logan.....	155,426	158,807	162,177	187,214	146,679	98	107	106	92	99	89	81	85	108	April 15.
Macon.....	103,341	132,241	124,176	140,123	114,994	98	103	99	87	83	77	72	91	107	April 25.
Macoupin.....	111,808	80,637	91,016	120,406	108,028	101	105	92	97	72	88	49	95	106	April 15.
Mason.....	43,675	43,675	43,675	.....	66,301	99	101	101	90	95	53	75	96	100	May 3.
McDonough ..	52,415	76,882	76,882	.....	30,229	100	104	103	80	100	68	45	93	112	April 10.
McLean.....	256,808	243,107	237,429	218,215	239,937	99	109	104	76	93	83	65	99	110	April 25.
Menard.....	70,146	31,040	71,150	75,375	70,350	100	107	98	87	94	75	60	97	109	April 10.
Montgomery ..	108,105	105,891	103,213	129,158	109,697	104	99	92	95	78	80	79	103	103	May 1.
Morgan.....	115,459	128,159	128,159	142,442	113,306	105	110	100	99	82	76	66	100	105	April 25.
Moultrie.....	54,998	51,309	45,457	52,860	52,395	105	103	95	96	92	72	70	98	105	May 1.
Piatt.....	76,049	84,703	60,706	62,700	71,131	110	102	102	95	97	88	78	102	110	May 10.
Pike.....	57,496	66,084	61,794	84,398	74,866	97	106	107	87	92	74	78	92	107	April 25.
Sangamon.....	157,631	166,439	145,120	153,601	131,887	100	103	94	87	90	85	67	100	111	April 20.
Schuyler.....	46,232	32,845	39,686	42,494	39,070	102	105	100	76	91	80	32	108	112	May 3.
Scott.....	34,415	19,157	12,855	27,895	22,423	97	102	100	92	89	61	70	100	107	April 15.
Shelby.....	89,353	86,842	86,308	90,919	100,329	105	103	105	83	93	88	61	102	110	April 20.
Tazewell.....	121,116	116,077	104,911	109,007	105,913	107	102	101	80	102	64	74	98	105	April 20.
Vermilion.....	217,329	132,397	134,683	146,465	145,598	102	105	97	97	100	120	72	93	106	April 25.
Total or average .....	3,068,842	3,038,409	2,960,093	3,085,790	3,040,721	102	103	100	86	90	80	66	95	107	

CROP REPORT.

AREA AND CONDITION OF CORN—Continued.

COUNTIES.														
SOUTHERN DIVISION.														
Area, 1882.	Area, 1883.	Area, 1884.	Area, 1885.	Area, 1886.	Area 1887, com- pared with 1886	Condition June 1, 1887.	Condition June 1, 1886.	Condition June 1, 1885.	Condition June 1, 1884.	Condition June 1, 1883.	Condition June 1, 1882.	Condition June 1, 1881.	Quality of seed compared to an average.	First appearance above ground.
Alexander . . . . .	8,323	7,131	8,845	8,862	102	109	95	115	85	84	92	61	100	May 5.
Bond . . . . .	40,287	38,520	52,874	50,374	93	99	102	86	86	73	38	82	110	April 20.
Clay . . . . .	27,212	30,592	32,755	30,014	89	99	94	93	85	90	89	95	108	May 1.
Clinton . . . . .	45,222	54,086	51,206	63,995	90	100	106	71	65	75	87	73	110	May 5.
Crawford . . . . .	32,417	36,360	34,287	33,151	101	93	85	96	76	91	94	76	103	April 25.
Edwards . . . . .	18,479	17,241	18,152	15,631	109	95	100	100	81	80	100	88	110	.....
Effingham . . . . .	41,331	33,589	42,385	46,051	102	95	102	90	88	88	89	90	106	May 1.
Fayette . . . . .	38,300	41,959	47,769	55,469	105	120	94	104	92	97	86	96	107	May 10.
Franklin . . . . .	19,052	3,487	3,487	10,665	105	100	98	95	73	83	95	81	110	April 15.
Gallatin . . . . .	48,881	40,000	28,000	47,801	107	109	95	90	74	82	67	54	105	April 1.
Hamilton . . . . .	32,187	23,392	27,438	31,076	109	97	94	80	80	85	95	75	100	April 10.
Hardin . . . . .	5,297	5,460	3,708	10,133	102	80	97	50	95	90	96	76	110	April 10.
Jackson . . . . .	22,632	20,564	19,556	23,966	110	100	92	75	92	80	65	95	100	May 1.
Jasper . . . . .	31,799	30,507	35,353	33,247	97	94	95	87	64	77	81	81	103	April 25.
Jefferson . . . . .	33,556	35,305	42,848	39,606	111	109	98	110	77	95	85	94	104	April 15.
Johnson . . . . .	15,446	20,981	12,717	19,636	105	106	105	91	83	84	96	55	100	April 20.
Lawrence . . . . .	36,046	28,309	27,421	31,439	97	93	95	102	87	105	90	92	102	April 15.
Madison . . . . .	98,102	95,588	74,922	149,980	94	80	97	90	85	93	82	93	85	April 30.
Marion . . . . .	37,355	37,172	39,301	43,089	79	97	93	100	67	89	85	80	102	April 15.
Massac . . . . .	11,397	11,453	10,876	13,239	105	103	103	100	76	52	73	62	108	April 1.
Monroe . . . . .	16,758	16,381	16,159	22,352	100	90	100	86	84	87	90	85	80	April 20.
Perry . . . . .	8,371	12,316	12,316	16,233	119	100	100	89	87	87	93	91	100	May 1.
Pope . . . . .	19,291	18,047	18,047	19,887	97	92	100	100	70	91	104	75	100	April 15.
Pulaski . . . . .	12,992	10,370	10,057	12,130	100	100	97	101	88	92	98	81	100	April 5.
Randolph . . . . .	22,800	25,781	24,684	28,922	103	104	100	97	87	85	73	90	97	April 15.
Richland . . . . .	21,129	25,102	24,658	23,636	99	100	88	95	81	87	84	72	99	May 1.
Saline . . . . .	23,972	17,562	15,557	22,910	102	93	92	85	85	70	87	85	100	April 4.
St. Clair . . . . .	43,354	50,506	44,273	64,411	102	90	92	85	78	80	79	87	95	May 10.
Union . . . . .	20,516	15,867	12,113	13,463	103	100	*96	109	85	90	92	71	105	April 26.
Wabash . . . . .	20,897	17,552	19,162	18,234	99	91	89	97	83	84	87	70	102	May 5.
Washington . . . . .	27,659	31,941	32,425	48,475	96	95	93	100	100	86	85	92	100	April 15.
Wayne . . . . .	39,905	39,615	35,351	40,329	107	81	92	80	75	86	82	95	102	April 20.
White . . . . .	38,546	42,591	33,058	48,499	107	99	87	86	77	78	98	60	105	April 15.
Williamson . . . . .	26,225	22,247	15,869	21,981	106	100	11	100	84	86	97	75	101	April 5.
Total or average . . . . .	982,558	950,890	983,837	1,164,253	1,100,649	97	95	91	81	85	88	80	102	

\*Estimated.



## CONDITION WINTER WHEAT.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
Average Condition.										Average Condition.										Average Condition.									
COUNTIES.										COUNTIES.										COUNTIES.									
Height June 1 1887—inches.	April 1, 1887.	May 1, 1887.	June 1, 1887.	June 1, 1886.	June 1, 1885.	June 1, 1884.	June 1, 1883.	June 1, 1882.		Height June 1 1887—inches.	April 1, 1887.	May 1, 1887.	June 1, 1887.	June 1, 1886.	June 1, 1885.	June 1, 1884.	June 1, 1883.	June 1, 1882.		Height June 1 1887—inches.	April 1, 1887.	May 1, 1887.	June 1, 1887.	June 1, 1886.	June 1, 1885.	June 1, 1884.	June 1, 1883.	June 1, 1882.	
Boone .....	15	87	97	78	100	91	100	96	Adams .....	39	100	107	82	86	31	65	75	81	Alexander ..	33	102	105	95	110	52	92	79	108	
Bureau .....	18	93	85	77	99	80	100	100	Brown .....	*39	94	100	100	90	46	74	65	101	Bond .....	37	102	108	117	89	41	30	23	95	
Carroll .....	24	90	90	80	100	97	100	85	Calhoun ..	37	100	100	102	102	51	84	75	99	Clay .....	39	65	82	52	55	33	27	18	103	
Cook .....	30	90	92	100	100	100	98	97	Cass .....	42	99	103	102	104	77	97	78	102	Cibola .....	42	90	96	80	100	30	61	5	95	
DeKalb .....	15	97	100	82	104	98	100	100	Champaign ..	28	110	102	102	103	40	82	56	111	Crawford ..	26	*93	87	83	67	22	42	29	97	
DuPage .....	8	95	100	90	102	85	...	...	Christian ..	30	100	105	100	103	10	58	50	117	Edwards ..	*31	71	77	40	65	40	83	38	115	
Grundy .....	13	100	90	97	...	...	...	...	Clark .....	34	72	93	91	80	35	48	30	104	Effingham ..	34	106	112	102	77	19	43	36	105	
Henderson ..	24	91	88	60	100	...	100	90	Coles .....	37	98	98	103	105	17	79	44	127	Fayette .....	36	96	95	78	85	40	50	20	102	
Henry .....	24	60	78	70	105	103	100	95	Cumberland ..	36	104	104	110	97	32	77	61	114	Franklin ..	36	66	91	60	71	59	75	38	113	
Iroquois ..	42	107	90	78	100	...	...	103	Dewitt .....	24	60	92	90	112	52	91	82	92	Gallatin ..	41	80	90	78	108	60	85	66	106	
JoDavies ..	42	98	90	89	87	100	99	95	Douglas ..	32	82	102	93	101	30	72	48	104	Hamilton ..	37	71	78	55	77	30	46	23	105	
Kane .....	18	102	80	82	100	100	100	90	Edgar .....	33	93	93	105	96	77	70	68	109	Hardin ..	42	*81	100	87	113	40	103	67	99	
Kankakee ..	30	92	92	91	75	100	...	96	Ford .....	24	80	75	67	90	60	...	60	95	Jackson .....	*35	80	113	75	87	75	75	66	112	
Kendall .....	15	75	78	63	99	95	100	90	Fulton .....	33	90	100	88	108	67	94	85	116	Jasper .....	36	85	95	87	40	10	35	30	110	
Knox .....	32	95	96	93	100	100	...	100	Greene .....	30	65	110	102	103	34	80	41	86	Jefferson ..	24	65	70	37	37	25	32	25	111	
Lake .....	18	110	92	90	101	88	96	93	Hancock ..	34	101	104	101	112	47	101	92	104	Johnson ..	36	89	89	60	102	43	66	48	97	
LaSalle .....	27	91	82	76	95	70	93	93	Jersey .....	46	97	102	112	85	17	72	46	78	Lawrence ..	33	79	76	66	80	32	63	28	114	
Lee .....	42	95	94	70	102	98	102	100	Logan .....	33	94	101	106	104	87	96	7	97	Madison ..	37	91	86	92	74	28	59	27	87	
Livingston ..	18	71	75	72	...	...	100	...	Macon .....	39	94	96	97	104	5	64	40	100	Marion .....	27	80	87	59	70	75	52	34	108	
Marshall .....	17	90	90	65	100	110	130	102	Macoupin ..	38	93	97	99	89	15	60	57	47	Massac .....	40	95	102	88	103	38	71	61	106	
McHenry .....	36	95	*90	106	102	93	99	95	Mason .....	30	100	102	95	106	42	95	65	100	Monroe .....	24	*84	85	50	60	66	95	59	110	
Mercer .....	27	85	85	65	108	75	...	85	McDonough ..	28	95	117	100	103	42	100	66	95	Perry .....	48	57	77	95	60	42	68	37	113	
Ogle .....	18	87	92	80	99	64	96	103	McLean .....	31	93	98	99	102	37	80	58	108	Pope .....	30	77	92	90	95	*42	75	57	110	
Peoria .....	33	95	77	92	103	80	100	...	Menard .....	36	98	105	107	107	52	89	67	108	Pulaski .....	42	100	90	90	107	71	101	60	106	
Putnam .....	30	95	90	78	102	92	95	100	Montgomery ..	30	98	109	104	99	10	50	28	91	Randolph ..	24	78	100	90	77	55	82	51	105	
Rock Island ..	24	90	79	85	99	98	100	...	Morgan .....	40	100	99	106	105	73	74	68	95	Richland ..	27	73	75	74	70	32	49	19	113	
Stark .....	14	91	85	87	102	90	97	98	Moultrie .....	20	88	85	90	102	36	84	64	97	Saline .....	16	87	83	75	92	45	82	42	115	
Stephenson ..	24	100	93	72	94	90	100	83	Piatt .....	36	100	100	97	105	75	85	65	106	St. Clair .....	48	100	88	67	53	12	56	25	104	
Warren .....	33	99	95	99	104	92	100	100	Sangamon .....	39	105	112	109	117	8	53	65	116	Union .....	30	90	90	65	*78	60	91	76	103	
Whiteside ..	*25	100	90	*77	99	100	100	82	Schuyler .....	39	100	101	95	100	55	82	76	96	Wabash ..	42	85	85	61	78	49	66	47	104	
Will .....	18	82	98	95	105	101	...	90	Sangamon ..	39	100	101	95	100	55	82	76	96	Washington ..	37	80	87	83	68	30	66	43	117	
Winnebago ..	17	92	78	71	88	88	102	95	Scott .....	38	111	106	105	93	32	62	87	100	Wayne .....	29	49	51	36	44	29	30	19	100	
Woodford ..	20	89	91	92	100	100	105	90	Shelby .....	44	98	103	106	109	5	77	56	124	White .....	27	67	62	52	84	34	77	61	108	
Average ..	24	92	88	82	96	93	100	95	Tazewell .....	27	92	97	95	111	62	95	82	105	Williamson ..	36	75	74	52	109	32	64	49	114	
									Vermilion .....	28	92	100	100	115	55	42	15	105	Average...	34	83	88	72	78	42	64	41	106	

## CROP REPORT.

CONDITION SPRING WHEAT, JUNE 1, 1887.

NORTHERN DIVISION.							CENTRAL DIVISION.							SOUTHERN DIVISION.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
COUNTIES.		Av. condition June 1.					Av. condition May 1, 87	AVERAGE 1887 compared with 1886	COUNTIES.	Av. condition June 1.					Av. condition May 1, 87	AVERAGE 1887 compared with 1886	COUNTIES.	Av. condition June 1.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		1887	1886	1885	1884	1883				1882	1887	1886	1885	1884				1883	1882	1887	1886	1885	1884	1883	1882																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Boone.....	105	102	94	100	91	100	95	96	Adams .....	...	...	...	...	...	...	...	...	...	...	Alexander .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</



ACREAGE AND CONDITION OF OATS, JUNE 1, 1887.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.									
COUNTIES.	Av. condition June 1.					COUNTIES.	Av. condition June 1.					COUNTIES.	Av. condition June 1.						
	Av. cond'n May 1, 1887	1887	1886	1885	1884		1883	1882	Av. cond'n May 1, 1887	1887	1886		1885	1884	1883	1882			
Boone .....	102	99	98	87	108	101	98	103	100	102	92	98	88	90	100	97	100	100	100
Bureau .....	107	72	100	90	95	100	109	95	100	97	97	100	91	96	107	89	114	104	96
Carroll .....	101	97	88	95	100	90	85	95	92	96	93	100	92	100	116	100	88	90	101
Cook .....	104	96	91	101	85	99	101	104	101	102	104	100	91	100	100	100	75	77	103
DeKalb .....	102	81	103	99	105	98	98	109	96	91	98	100	100	100	113	89	98	92	114
DuPage .....	95	90	62	85	85	100	100	104	103	88	90	84	106	120	100	120	100	97	115
Grundy .....	115	82	75	96	82	107	91	107	100	70	95	97	105	105	101	107	86	100	103
Henderson ..	103	87	70	103	103	102	97	105	85	99	101	94	105	114	106	100	97	100	107
Henry .....	99	67	84	85	103	102	100	102	103	87	90	95	103	119	97	101	89	107	106
Iroquois ..	105	90	90	87	100	101	96	101	90	103	105	106	98	144	94	97	82	89	92
JoDavies ..	100	97	93	86	97	101	92	107	100	87	100	100	107	100	110	100	77	90	100
Kane .....	98	68	103	92	104	100	95	104	91	100	87	100	100	100	110	100	75	85	84
Kankakee ..	107	92	104	95	103	104	96	102	97	92	94	100	100	107	117	97	57	95	98
Kendall ..	98	61	94	97	102	82	95	107	91	93	87	100	103	115	100	96	80	87	114
Knox .....	108	92	91	102	96	102	103	104	102	82	103	100	100	136	96	119	89	100	103
Lake .....	104	90	89	99	90	98	93	107	96	98	97	100	97	105	91	86	91	70	87
LaSalle ..	98	86	75	91	86	101	81	95	95	90	100	97	93	103	100	104	90	102	112
Lee .....	102	92	91	99	106	100	98	106	97	101	102	99	96	103	100	100	76	103	102
Livingston ..	103	100	86	75	101	92	109	124	95	90	100	90	91	102	100	100	92	90	111
Marshall ..	104	87	75	85	97	115	101	100	83	63	94	95	102	82	141	104	117	90	102
McHenry ..	97	100	107	94	99	103	100	100	93	89	100	95	92	110	113	103	97	88	99
Mercer .....	104	75	86	102	97	102	103	120	96	93	103	107	100	112	100	100	90	88	98
Ogle .....	108	98	85	96	104	104	100	98	98	100	98	102	95	107	97	94	100	100	112
Peoria .....	102	63	75	82	102	99	98	103	95	100	102	64	95	107	83	78	87	95	95
Putnam .....	105	84	77	98	100	100	104	105	97	86	87	100	103	107	80	105	78	100	121
Rock Island ..	104	86	99	96	100	105	102	101	100	99	104	98	99	125	97	107	100	103	98
Stark .....	104	91	106	90	103	105	102	112	95	90	96	99	101	112	97	110	85	99	105
Stephenson ..	102	93	95	97	102	99	98	110	97	103	100	98	102	107	87	97	92	101	105
Warren .....	106	94	105	103	105	105	99	112	90	100	101	102	102	107	80	105	78	100	102
Whiteside ..	122	82	99	97	100	96	100	112	95	103	100	100	102	105	90	105	90	100	109
Will .....	102	85	109	79	97	102	90	107	105	95	104	97	101	122	98	110	93	97	109
Winnebago ..	104	97	81	91	102	96	101	95	96	92	100	97	98	131	94	107	85	102	111
Woodford ..	98	88	97	92	110	92	103	100	102	90	93	107	107	109	92	110	104	97	96
Average .....	103	82	96	91	102	98	98	105	100	105	103	136	102	107	94	105	87	104	106
Average .....	105	91	96	97	100	97	100	105	94	97	100	97	100	114	96	103	89	95	91

\* Estimated

\* Estimated.



CONDITION WINTER RYE, JUNE 1, 1887.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.					Av. condition June 1.					COUNTIES.					Av. condition June 1.					COUNTIES.					Av. condition June 1.				
					1887										1888										1889				
					1887	1886	1885	1884	1883						1882	1887	1886	1885	1884						1883	1882	1887	1886	1885
Av. cond'n April 1, 1887	Av. cond'n May 1, 1887						Av. cond'n April 1, 1887	Av. cond'n May 1, 1887						Av. cond'n April 1, 1887	Av. cond'n May 1, 1887						Av. cond'n April 1, 1887	Av. cond'n May 1, 1887							
Boone.....	99	104	87	98	90	100	100	97	100	100	95	100	100	97	90	100	100	80	Alexander.....	100	105	100	110	40	90	95	105		
Bureau.....	98	97	72	102	75	100	100	113	100	100	90	100	100	100	80	100	100	96	Bond.....	105	110	90	100	82	93	71	100		
Carroll.....	97	97	83	102	82	88	78	110	100	100	100	100	100	90	90	100	92	92	Clay.....	68	95	80	70	57	95	95	94		
Cook.....	97	92	77	104	84	93	97	87	100	100	100	100	100	100	100	100	101	102	Clinton.....	90	90	100	100	100	77	87	101		
DeKalb.....	103	103	85	108	98	97	95	100	100	100	100	100	100	90	90	100	116	102	Crawford.....	100	85	95	90	73	90	90	96		
DuPage.....	82	87	44	105	95	90	98	103	100	100	94	97	100	86	90	100	96	96	Edwards.....	* 75	...	65	...	87	100	105	105		
Grundy.....	100	89	85	100	77	105	86	94	80	97	92	89	100	76	62	51	105	105	Effingham.....	100	105	101	80	41	67	88	105		
Henderson.....	97	97	80	105	95	102	100	65	95	97	100	97	100	87	74	85	100	103	Fayette.....	103	100	88	100	80	59	85	97		
Henry.....	89	92	64	104	89	88	86	106	105	107	107	...	100	100	100	75	100	100	Franklin.....	* 81	90	* 96	...	65	85	100	103		
Iroquois.....	96	93	82	93	79	86	74	100	85	97	86	103	100	80	90	85	90	98	Gallatin.....	* 87	100	100	85	50	77	60	100		
Jo Daviess.....	97	103	92	82	88	98	96	102	98	87	100	105	...	...	...	100	100	100	Hardin.....	* 87	...	...	...	...	100	...	100		
Kane.....	98	96	60	107	91	99	95	106	90	87	84	95	70	...	...	70	105	105	Jackson.....	100	...	110	...	...	90	85	100		
Kankakee.....	96	93	91	90	100	79	99	105	95	87	81	104	75	99	95	95	99	99	Jasper.....	93	95	92	50	50	75	75	108		
Kendall.....	93	95	72	102	100	99	90	98	95	95	81	104	75	99	95	95	101	101	Jefferson.....	50	85	100	97	40	75	69	106		
Knox.....	95	99	95	103	90	102	96	93	102	100	105	100	90	100	100	...	106	106	Johnson.....	100	90	90	100	75	87	84	98		
Lake.....	110	96	91	101	90	100	91	102	103	100	78	107	107	100	100	100	100	...	Lawrence.....	* 88	...	...	90	80	80	80	106		
LaSalle.....	88	87	70	100	77	90	92	94	...	...	...	100	...	...	...	...	...	...	Madison.....	100	90	95	100	60	100	90	102		
Lee.....	97	96	78	105	88	100	83	101	99	100	100	103	100	100	83	99	99	99	Marion.....	85	82	82	80	70	35	61	103		
Livingston.....	96	92	77	87	59	88	72	94	* 97	100	100	100	100	65	92	91	100	100	Massac.....	95	80	105	110	30	90	87	95		
Marshall.....	84	95	70	90	75	100	99	102	95	97	100	90	90	90	95	100	...	...	Monroe.....	* 91	* 98	100	100	98	100	104	100		
McHenry.....	95	100	105	108	85	103	95	100	100	100	93	97	100	78	90	96	95	100	Perry.....	77	90	* 97	75	60	85	82	101		
Mercer.....	90	84	77	101	74	98	75	108	100	100	86	100	100	93	100	96	100	...	Pope.....	* 92	90	* 97	100	100	90	90	...		
Ogle.....	97	97	92	101	89	104	102	103	95	95	91	97	64	94	86	96	96	96	Pulaski.....	100	100	* 98	75	97	100	100	105		
Peoria.....	97	90	80	102	69	96	92	101	100	100	100	100	100	93	100	88	104	96	Randolph.....	100	100	* 98	75	97	100	100	105		
Putnam.....	96	91	84	105	95	97	98	102	107	100	100	102	100	82	83	78	96	96	Richland.....	87	100	97	100	94	100	90	100		
Rock Island.....	92	86	85	97	89	87	77	105	98	96	100	100	100	91	100	89	102	100	Saline.....	* 89	100	* 87	...	60	60	62	100		
Stark.....	93	90	80	98	91	97	85	104	* 97	100	93	100	97	100	97	100	101	101	St. Clair.....	100	100	100	100	100	100	99	100		
Stephenson.....	100	99	79	97	79	96	91	103	100	100	97	100	100	100	100	76	100	100	Union.....	...	...	...	* 89	70	70	87	100		
Warren.....	99	98	99	102	82	100	98	103	105	100	100	100	100	100	100	100	102	102	Wabash.....	* 84	...	...	...	...	100	100	50		
Whiteside.....	100	95	78	103	80	90	81	103	95	100	97	102	100	8	100	97	92	92	Washington.....	85	95	103	100	92	92	82	111		
Will.....	85	99	74	109	97	105	102	90	100	100	97	102	100	9	100	100	96	96	Wayne.....	60	65	25	50	30	70	40	140		
Winnebago.....	90	102	72	89	75	88	92	108	100	100	100	97	100	8	97	94	102	102	White.....	* 80	60	* 62	100	...	87	62	100		
Woodford.....	91	97	95	102	73	102	90	96	99	100	100	105	100	100	75	80	95	105	Williamson.....	90	95	87	100	...	100	82	100		
Average.....	95	95	80	100	85	96	91	101	95	99	95	99	95	85	92	90	94	94	Average.....	88	92	92	89	70	86	82	101		

\*Estimated.



CONDITION FLAX JUNE 1, 1887.

CROP REPORT.

NORTHERN DIVISION.													CENTRAL DIVISION.													SOUTHERN DIVISION.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
COUNTIES.													Av. condition June 1.						Ac. '87 compared 1886.	COUNTIES.													Av. condition June 1.						Ac. '87 compared 1886.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
													1887	1886	1885	1884	1883	1882															1881	1887	1886	1885	1884	1883		1882	1881																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Boone.....	100	95	..	..	..	..	85	..	..	..	..	..	..	..	Alexander.....	60	75	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..</

CONDITION OF MEADOWS, JUNE 1, 1887.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.		Av. condition June 1.						Acreage '87 compared with 1886.	COUNTIES.		Av. condition June 1.						Acreage '87 compared with 1886.	COUNTIES.		Av. condition June 1.						Acreage '87 compared with 1886.			
		1887	1886	1885	1884	1883	1882				1881	1887	1886	1885	1884	1883				1882	1881	1887	1886	1885	1884		1883	1882	1881
Boone.....	95	60	105	90	103	100	100	95	Adams.....	75	71	102	95	98	97	98	85	Alexander....	100	105	75	97	111	83	97				
Bureau.....	93	49	108	100	100	102	98	93	Brown.....	90	80	100	96	100	87	102	100	Bond.....	100	100	99	100	92	77	103				
Carroll.....	89	58	103	97	106	93	90	109	Calhoun.....	102	97	100	97	85	99	100	100	Clay.....	98	80	97	100	85	84	100				
Cook.....	97	72	108	75	97	100	87	87	Cass.....	98	96	103	94	102	96	97	102	Clinton....	60	104	100	102	90	61	100				
DeKalb.....	100	71	113	99	106	100	95	101	Champaign...	100	90	90	80	100	100	97	97	Crawford....	99	88	87	96	99	85					
DuPage.....	97	57	105	75	92	80	105	75	Christian.....	92	89	102	94	94	101	93	90	Edwards.....	90	75	80	97	83	60	83				
Grundy.....	92	70	111	84	103	117	92	115	Clark.....	100	90	97	92	99	89	91	94	Efingham....	107	89	95	100	98	98	97				
Henderson..	80	50	98	75	100	100	85	90	Coles.....	96	94	99	97	104	80	100	77	Fayette....	107	103	95	100	102	95	107				
Henry.....	100	41	105	97	93	94	93	80	Cumberland...	101	97	100	108	100	97	101	100	Franklin....	93	91	99	76	96	70	83				
Iroquois...	99	74	101	96	95	97	90	95	DeWitt.....	95	82	98	88	106	83	86	96	Gallatin....	100	100	100	79	100	102	58				
JoDavies..	98	71	106	89	103	90	90	95	Douglas.....	105	97	105	85	75	99	96	68	Hamilton....	102	96	99	71	95	55	69				
Kane.....	97	42	107	87	101	95	102	90	Edgar.....	89	94	92	82	102	88	107	91	Hardin.....	95	97	112	40	100	87	96				
Kankakee..	97	71	90	97	98	101	95	101	Ford.....	101	77	98	96	103	101	97	73	Jackson....	100	100	100	75	100	105	92				
Kendall....	97	54	102	87	95	97	91	82	Fulton.....	97	80	98	96	103	101	89	100	Jasper.....	101	85	100	95	95	95	85				
Knox.....	92	59	97	92	99	110	101	84	Greene.....	97	102	107	99	98	110	94	100	Jefferson...	112	99	96	95	96	66	50				
Lake.....	100	79	107	85	99	96	95	98	Hancock.....	92	88	91	88	95	97	102	89	Johnson....	87	80	92	65	80	65	62				
LaSalle...	101	45	101	80	102	94	93	86	Jersey.....	97	101	105	107	110	100	90	113	Lawrence....	101	44	91	95	105	76	85				
Lee.....	98	57	121	97	103	97	102	98	Logan.....	95	89	96	100	104	100	92	100	Madison....	99	98	103	105	94	101	101				
Livingston...	96	59	67	85	99	101	94	77	Macon.....	97	96	99	93	93	94	95	98	Marion.....	105	103	105	87	95	89	87				
Marshall...	107	50	95	75	100	102	93	90	Macoupin....	94	88	89	92	99	104	84	75	Massac.....	100	80	97	96	91	95	46				
McHenry...	95	90	111	85	95	100	100	94	Mason.....	95	92	99	95	100	92	96	87	Monroe....	110	100	110	87	99	63	80				
Mercer.....	100	52	109	95	98	102	98	91	McDonough...	96	88	92	97	103	103	80	66	Perry.....	100	90	97	84	100	60	70				
Ogle.....	100	80	111	96	110	107	99	82	McLean.....	96	77	96	92	103	94	94	92	Pope.....	105	95	90	100	97	46	102				
Peoria.....	100	59	102	76	103	99	87	85	Menard.....	97	82	95	95	103	101	99	89	Pulaski....	100	70	100	89	100	66	88				
Putnam....	100	52	103	92	101	102	103	96	Montgomery...	100	103	102	92	101	96	93	95	Randolph...	100	84	100	88	101	50	84				
Rock Island...	99	74	101	88	97	92	95	87	Morgan.....	96	85	105	99	100	98	88	95	Richland...	97	91	85	90	100	75	96				
Stark.....	98	63	102	92	94	97	99	98	Moultrie....	90	82	97	91	98	87	93	89	Saline.....	100	93	90	100	97	75	53				
Stephenson...	100	49	105	87	103	100	87	91	Piatt.....	100	100	97	100	101	97	102	88	St. Clair...	105	105	100	100	100	60	106				
Warren.....	81	69	108	97	107	102	105	90	Pike.....	80	82	95	92	92	81	88	88	Union.....	90	82	80	102	100	68	68				
Whiteside...	98	43	103	98	105	96	94	92	Sangamon....	94	96	100	93	105	90	87	109	Wabash....	102	97	80	96	96	70	72				
Will.....	99	78	109	82	100	105	93	85	Schuyler....	100	87	100	87	97	84	88	95	Washington...	100	82	102	93	103	76	50				
Winnebago	96	60	111	83	107	97	106	100	Scott.....	91	94	103	100	106	96	88	85	Wayne.....	101	96	92	70	103	34	85				
Woodford...	90	78	100	90	90	100	88	105	Shelby.....	97	110	102	95	97	91	97	103	White.....	96	87	104	80	92	71	70				
Average...	96	62	105	85	100	99	95	92	Tazewell....	85	95	115	85	105	125	100	95	Williamson...	97	97	101	62	105	57	85				
									Average...	95	40	99	99	100	96	95	79		99	90	86	97	95	70		83			

\*Estimated.



CONDITION OF PASTURES, JUNE 1, 1887.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.															
COUNTIES.					Av. condition June 1.					COUNTIES.					Av. condition June 1.					COUNTIES.					Av. condition June 1.										
Ac. '87 com- pared 1886.					1887	1886	1885	1884	1883	1882	1881	Ac. '87 com- pared 1886.					1887	1886	1885	1884	1883	1882	1881	Ac. '87 com- pared 1886.					1887	1886	1885	1884	1883	1882	1881
Boone.....	100	71	106	96	102	98	100	98	Adams.....	100	102	99	96	102	95	87	100	Alexander.....	100	97	100	75	95	110	100	95	100	100	100	100	100	95	95		
Bureau.....	101	58	110	97	102	104	98	100	Brown.....	90	80	100	97	100	102	100	100	Bond.....	103	98	105	104	100	100	96	112	100	100	100	100	100	100	112		
Carroll.....	91	70	109	98	107	90	70	101	Calhoun.....	112	94	100	97	97	86	100	100	Clay.....	96	94	77	98	92	88	94	98	94	98	94	98	94	98			
Cook.....	100	75	106	84	98	97	84	90	Cass.....	102	100	110	94	101	100	100	100	Clinton.....	100	110	105	100	95	95	89	102	100	100	100	100	100	102			
DeKalb.....	100	74	108	97	102	100	93	101	Champaign.....	102	92	102	90	103	96	102	102	Crawford.....	102	96	94	92	97	100	101	86	101	101	101	101	86	101			
DuPage.....	101	59	105	77	90	95	105	87	Christian.....	101	95	104	94	97	86	86	105	Edwards.....	105	90	90	90	90	92	83	83	83	83	83	83	83	83			
Grundy.....	95	64	109	82	102	110	93	118	Clark.....	100	92	99	92	92	92	96	102	Effingham.....	102	102	91	96	88	98	96	91	96	91	96	91	96	91			
Henderson.....	100	80	110	90	105	106	80	97	Coles.....	94	100	99	97	97	79	81	102	Fayette.....	102	102	90	100	100	102	100	106	100	100	100	100	106	106			
Henry.....	101	50	112	100	97	91	88	90	Cumberland.....	107	105	103	107	100	98	100	99	Franklin.....	99	93	100	77	83	96	100	75	100	100	100	100	75	100			
Iroquois.....	98	77	105	97	96	102	85	110	DeWitt.....	98	88	88	105	103	87	84	100	Gallatin.....	100	92	100	92	91	90	87	96	91	96	91	96	91	96			
JoDaviess.....	97	81	108	89	104	90	89	95	Douglas.....	98	100	105	85	90	93	95	100	Hamilton.....	99	99	96	72	91	90	87	93	93	93	93	93	93	93	93		
Kane.....	99	40	105	94	98	96	95	89	Edgar.....	92	96	96	82	102	101	102	105	Hardin.....	97	95	107	100	105	87	96	91	96	91	96	91	96	91			
Kankakee.....	99	85	103	96	101	94	79	96	Ford.....	106	85	100	92	99	85	88	100	Jackson.....	100	110	100	87	100	103	83	100	100	100	100	100	100	100	100		
Kendall.....	100	54	99	85	91	98	91	92	Fulton.....	96	85	98	88	103	87	90	103	Jasper.....	103	101	100	95	92	95	96	93	96	93	96	93	96	93	96		
Knox.....	101	76	106	91	99	110	98	91	Greene.....	100	107	108	97	103	115	90	103	Jefferson.....	105	107	97	90	97	98	85	76	76	76	76	76	76	76	76		
Lake.....	101	79	106	85	100	97	97	99	Hancock.....	102	101	104	93	90	102	106	97	Johnson.....	100	92	104	65	85	87	70	78	78	78	78	78	78	78	78		
LaSalle.....	102	54	104	87	100	98	88	93	Jersey.....	100	102	105	103	112	100	88	111	Lawrence.....	101	97	96	100	100	95	87	90	90	90	90	90	90	90	90		
Lee.....	101	57	113	99	106	103	92	97	Logan.....	98	97	103	100	104	100	91	101	Madison.....	100	98	97	102	99	105	94	101	101	101	101	101	101	101	101		
Livingston.....	97	56	100	80	101	105	77	92	Macon.....	97	98	100	93	92	85	79	98	Marion.....	97	102	100	90	85	95	91	94	94	94	94	94	94	94	94		
Marshall.....	95	67	100	82	103	100	94	88	Macoupin.....	100	95	101	95	97	82	101	101	Massac.....	108	100	87	102	96	95	63	76	76	76	76	76	76	76	76		
McHenry.....	100	95	109	89	96	96	96	98	Mason.....	97	95	104	100	105	90	91	91	Monroe.....	100	100	110	94	96	103	83	102	102	102	102	102	102	102	102		
Mercer.....	100	76	112	97	103	102	87	98	McDonough.....	99	104	100	90	103	106	87	71	Perry.....	100	97	97	82	97	100	90	78	78	78	78	78	78	78	78		
Ogle.....	100	82	110	96	110	107	101	92	McLean.....	99	86	107	92	102	99	86	98	Pope.....	102	99	90	110	100	98	92	97	97	97	97	97	97	97	97		
Peoria.....	101	65	99	66	103	96	80	102	Menard.....	102	88	103	96	100	102	99	93	Pulaski.....	100	90	100	96	103	100	108	101	101	101	101	101	101	101	101		
Putnam.....	100	75	112	90	101	103	101	96	Montgomery.....	101	100	99	95	102	100	99	95	Randolph.....	110	90	100	93	102	103	83	102	102	102	102	102	102	102	102		
Rock Island.....	100	79	100	92	97	94	93	98	Morgan.....	94	96	107	95	100	98	92	102	Richland.....	101	91	80	89	100	99	86	100	100	100	100	100	100	100	100		
Stark.....	100	75	104	87	97	100	93	100	Moultrie.....	100	98	100	95	99	91	92	90	Sa'ine.....	95	93	95	83	100	88	87	76	76	76	76	76	76	76	76		
Stephenson.....	100	65	106	68	102	96	82	95	Piatt.....	92	100	97	100	101	91	98	95	St. Clair.....	110	105	103	101	104	103	96	105	105	105	105	105	105	105	105		
Warren.....	94	86	111	94	109	104	100	100	Pike.....	101	95	101	91	98	88	88	97	Union.....	105	95	*97	75	100	101	82	75	75	75	75	75	75	75	75		
Whiteside.....	100	53	105	97	100	100	91	95	Sangamon.....	97	98	112	92	100	93	85	108	Wabash.....	101	99	75	86	85	85	81	97	97	97	97	97	97	97	97		
Will.....	85	65	107	80	93	106	85	100	Schuyler.....	97	92	100	105	92	98	88	100	Washington.....	102	100	103	93	103	93	90	87	87	87	87	87	87	87	87		
Winnebago.....	100	65	107	80	105	91	98	100	Scott.....	98	100	103	103	100	96	80	96	Wayne.....	101	102	97	85	97	101	89	90	90	90	90	90	90	90	90		
Woodford.....	97	85	102	92	100	100	90	111	Shelby.....	101	107	107	98	98	106	94	96	White.....	95	92	106	74	87	96	85	85	85	85	85	85	85	85	85		
Average.....	99	69	106	89	101	99	90	97	Tazewell.....	95	90	99	100	101	98	92	88	Williamson.....	100	92	97	80	108	102	80	100	100	100	100	100	100	100	100		
									Vermilion.....	90	100	120	92	105	116	86	105	Average.....	101	98	97	90	96	97	99	92	92	92	92	92	92	92	92		

\*Estimated.

FRUIT—Bloom and Condition.

COUNTIES.	APPLES.		PEACHES.		PEARS.		PLUMS.		CHERRIES.	
	Amount of bloom, 1887	Condition June 1, 1887	Amount of bloom, 1887	Condition June 1, 1887	Amount of bloom, 1887	Condition June 1, 1887	Amount of bloom, 1887	Condition June 1, 1887	Amount of bloom, 1887	Condition June 1, 1887
Adams .....	90	45	100	.....	80	70	100	40	90	50
Alexander .....	100	100	100	100	100	20	100	33	.....	.....
Bond .....	94	78	59	56	82	80	99	78	92	78
Boone .....	70	49	.....	.....	.....	.....	.....	.....	62	10
Brown .....	80	50	.....	.....	90	90	.....	.....	70	50
Bureau .....	56	61	.....	.....	.....	.....	60	57	65	55
Calhoun .....	68	35	37	10	100	25	100	50	80	65
Carroll .....	62	62	.....	.....	.....	.....	100	57	100	100
Cass .....	66	66	.....	.....	75	75	100	60	72	69
Champaign .....	94	46	.....	.....	100	40	100	50	100	38
Christian .....	111	42	8	4	95	37	100	27	95	32
Clark .....	106	44	125	62	95	38	103	39	98	62
Clay .....	88	53	87	60	100	75	100	50	100	90
Clinton .....	80	80	20	30	100	100	100	110	100	100
Coles .....	99	74	97	61	97	74	99	40	100	80
Cook .....	95	85	.....	.....	100	75	100	10	72	62
Crawford .....	97	45	103	42	93	55	100	53	98	54
Cumberland .....	96	64	53	70	100	100	80	73	105	87
DeKalb .....	90	77	.....	.....	.....	.....	.....	.....	75	57
DeWitt .....	62	65	.....	.....	75	90	65	90	80	92
Douglas .....	82	60	.....	.....	100	67	.....	.....	100	62
DuPage .....	77	57	.....	.....	90	90	.....	.....	80	62
Edgar .....	104	77	10	5	102	75	103	70	77	62
Edwards .....	120	80	110	100	.....	.....	100	50	100	75
Effingham .....	93	74	89	73	87	73	87	50	87	47
Fayette .....	106	67	25	15	88	88	100	48	97	65
Ford .....	102	50	.....	.....	110	10	105	42	81	16
Franklin .....	100	67	100	87	100	73	94	60	75	50
Fulton .....	84	63	.....	.....	100	95	100	100	66	51
Gallatin .....	82	75	150	87	80	70	115	80	125	95
Greene .....	60	70	25	20	100	95	80	67	95	82
Grundy .....	82	55	.....	.....	.....	.....	65	38	79	44
Hamilton .....	104	101	105	102	94	90	101	84	104	95
Hancock .....	65	57	50	50	40	27	52	52	71	45
Hardin .....	82	92	85	85	100	100	100	100	110	110
Henderson .....	75	10	.....	.....	.....	.....	100	50	75	10
Henry .....	78	64	.....	.....	50	10	83	73	74	72
Iroquois .....	91	35	.....	.....	.....	.....	100	.....	82	21
Jackson .....	105	110	100	110	.....	.....	100	100	100	100
Jasper .....	100	92	92	87	70	77	90	87	100	75
Jefferson .....	106	85	105	84	90	60	87	50	100	63
Jersey .....	80	42	26	11	93	73	100	63	100	61
JoDaviess .....	77	60	.....	.....	.....	.....	98	79	63	28
Johnson .....	99	80	100	92	100	95	100	93	94	87
Kane .....	77	42	.....	.....	90	60	90	75	60	28
Kankakee .....	91	77	.....	.....	.....	.....	62	67	67	47
Kendall .....	81	49	.....	.....	.....	.....	100	5	47	15
Knox .....	97	46	.....	.....	.....	.....	100	25	85	47
Lake .....	107	100	.....	.....	100	100	100	75	96	77
LaSalle .....	75	92	.....	.....	.....	.....	100	75	37	62
Lawrence .....	104	74	104	67	95	82	100	70	104	74
Lee .....	84	74	.....	.....	80	65	78	77	40	42



FRUIT—Bloom and Condition—Continued.

COUNTIES.	APPLES.		PEACHES.		PEARS.		PLUMS.		CHERRIES.	
	Amount of bloom, 1887	Condition June 1, 1887	Amount of bloom, 1887	Condition June 1, 1887	Amount of bloom, 1887	Condition June 1, 1887	Amount of bloom, 1887	Condition June 1, 1887	Amount of bloom, 1887	Condition June 1, 1887
Livingston .....	89	59	.....	.....	.....	.....	100	53	84	46
Logan .....	96	94	.....	.....	75	90	100	87	100	84
Macon .....	85	52	.....	.....	100	75	87	60	71	34
Macoupin .....	103	77	25	42	90	79	97	81	95	83
Madison .....	95	95	5	90	95	90	85	80	85	90
Marion .....	102	79	93	57	80	35	103	35	100	57
Marshall .....	110	45	.....	.....	100	45	120	40	90	27
Mason .....	88	80	.....	.....	100	60	85	62	72	73
Massac .....	100	78	100	130	100	100	100	117	100	83
McDonough .....	54	35	.....	.....	85	62	92	75	60	39
McHenry .....	105	90	.....	.....	100	100	100	100	35	47
McLean .....	87	30	.....	.....	87	65	85	52	85	65
Menard .....	63	48	.....	.....	75	62	50	40	50	40
Mercer .....	69	62	.....	.....	.....	.....	90	50	53	37
Monroe .....	100	90	80	60	60	60	60	60	90	50
Montgomery .....	104	82	84	70	99	50	99	51	95	61
Morgan .....	97	84	10	10	90	90	75	58	87	87
Moultrie .....	102	63	100	80	100	70	100	25	100	63
Ogle .....	80	82	.....	.....	100	100	90	90	77	65
Peoria .....	43	60	.....	.....	.....	.....	.....	.....	63	42
Perry .....	105	80	105	90	90	70	100	100	95	87
Piatt .....	102	62	.....	.....	95	60	100	72	95	52
Pike .....	80	56	22	5	75	50	92	85	86	67
Pope .....	97	70	100	96	100	97	100	100	100	100
Pulaski .....	105	75	107	85	62	50	75	75	75	80
Putnam .....	75	40	.....	.....	.....	.....	80	20	57	22
Randolph .....	100	106	102	112	96	96	95	94	85	91
Richland .....	100	79	100	73	100	68	100	62	97	60
Rock Island .....	77	80	.....	.....	.....	.....	95	42	52	32
Saline .....	92	97	127	95	92	93	100	97	98	97
Sangamon .....	37	23	10	5	97	22	103	30	96	23
Schuyler .....	77	37	.....	.....	55	100	100	.....	75	62
Scott .....	107	80	20	5	100	100	103	75	103	75
Shelby .....	106	73	93	54	107	60	103	58	95	63
Stark .....	89	74	.....	.....	.....	.....	102	86	90	69
St. Clair .....	76	80	67	85	72	100	70	85	75	100
Stephenson .....	64	54	.....	.....	.....	.....	88	66	34	24
Tazewell .....	100	82	.....	.....	.....	.....	100	100	75	75
Union .....	110	62	112	100	100	90	100	95	100	95
Vermilion .....	100	65	.....	.....	75	75	100	100	75	75
Wabash .....	100	57	105	50	103	40	100	22	100	29
Warren .....	96	74	.....	.....	100	62	100	72	82	61
Washington .....	100	88	106	102	105	97	100	103	102	76
Wayne .....	112	80	115	130	93	57	100	45	100	30
White .....	97	77	102	87	95	77	97	42	102	66
Whiteside .....	90	50	.....	.....	.....	.....	100	75	50	25
Will .....	85	57	.....	.....	80	75	95	80	68	49
Williamson .....	97	87	124	116	98	79	97	73	95	94
Winnebago .....	92	45	.....	.....	100	.....	77	45	62	35
Woodford .....	82	75	.....	.....	90	80	75	67	97	70

FRUIT—Bloom and Condition.

COUNTIES.	GRAPES.		STRAW-BERRIES.		RASPBERRIES.		BLACKBERRIES.		GOOSEBERRIES.		CURRANTS.	
	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.
Adams.....	92	80	102	75	95	87	100	100	77	50	87	75
Alexander.....	100	100	90	35	100	100	100	100	100	105	.....	.....
Bond.....	101	101	87	82	100	96	88	96	98	86	89	92
Boone.....	85	82	89	81	81	80	73	75	80	75	30	30
Brown.....	90	90	100	100	100	90	100	90	80	80	60	50
Bureau.....	87	95	82	76	71	71	63	71	70	72	67	64
Calhoun.....	87	97	100	100	100	100	50	50	100	100	100	100
Carroll.....	100	100	100	92	100	102	87	75	100	100	67	67
Cass.....	83	98	94	80	72	87	76	97	84	95	72	80
Champaign.....	100	100	95	66	100	94	95	96	100	61	100	49
Christian.....	91	93	99	55	90	57	98	75	100	83	97	88
Clark.....	97	94	107	102	109	107	94	84	92	69	75	57
Clay.....	80	80	92	62	100	93	95	80	75	67	55	55
Clinton.....	100	100	100	100	100	100	110	110	65	65	80	75
Coles.....	99	95	92	80	99	95	97	100	88	59	88	81
Cook.....	103	105	91	92	100	100	55	50	90	100	68	68
Crawford.....	76	66	96	81	88	102	92	69	55	70	50	50
Cumberland.....	93	92	93	95	95	100	95	95	71	70	45	70
DeKalb.....	86	84	86	70	95	87	90	82	90	77	79	70
DeWitt.....	105	100	80	67	91	85	100	97	77	90	77	90
Douglas.....	90	100	87	70	100	92	100	100	100	25	75	62
DuPage.....	100	99	102	84	92	85	100	100	100	95	91	55
Edgar.....	100	92	101	107	102	103	97	93	91	88	85	75
Edwards.....	85	90	100	70	100	100	105	100	100	70	.....	60
Effingham.....	92	89	99	62	97	98	93	98	97	87	87	76
Fayette.....	87	82	100	69	95	89	91	84	92	72	92	68
Ford.....	85	87	92	73	75	65	70	60	88	33	83	33
Franklin.....	100	82	67	33	87	75	87	100	62	75	.....	.....
Fulton.....	87	94	95	73	84	83	82	85	71	72	71	72
Gallatin.....	75	50	100	75	.....	.....	90	80	100	50	.....	.....
Greene.....	97	95	100	62	77	75	67	25	97	92	100	95
Grundy.....	102	90	97	84	92	89	100	100	87	75	87	65
Hamilton.....	97	96	75	58	100	103	100	100	80	76	62	42
Hancock.....	97	95	94	74	92	94	77	82	77	80	83	84
Hardin.....	62	90	100	100	100	100	92	95	57	80	60	92
Henderson.....	50	.....	50	50	.....	.....	10	.....	40	30	45	25
Henry.....	70	67	72	54	77	67	66	66	63	58	75	75
Iroquois.....	87	92	83	73	98	93	91	92	80	63	95	44
Jackson.....	.....	.....	.....	.....	100	100	100	100	.....	.....	.....	.....
Jasper.....	92	92	100	93	100	97	100	100	53	37	50	37
Jefferson.....	103	103	83	32	90	90	86	32	100	100	75	75
Jersey.....	100	81	100	92	93	100	90	89	92	73	83	73
Jo Daviess.....	102	102	102	85	93	90	90	95	83	92	60	55
Johnson.....	100	100	78	65	97	97	95	95	83	58	100	25
Kane.....	60	62	86	57	87	81	96	94	57	52	67	42
Kankakee.....	85	100	89	74	91	95	69	87	50	55	69	58
Kendall.....	69	67	100	76	82	80	89	88	67	60	67	57
Knox.....	84	82	91	69	89	79	96	96	61	55	70	74
Lake.....	102	100	101	101	100	100	100	100	92	90	62	55
LaSalle.....	78	85	80	68	80	82	90	87	62	87	64	75
Lawrence.....	66	70	100	93	102	98	87	87	75	72	75	72
Lee.....	97	93	94	88	87	85	85	76	93	90	91	87



## FRUIT—Bloom and Condition—Continued.

COUNTIES.	GRAPES.		STRAW-BERRIES.		RASPBERRIES.		BLACKBERRIES.		GOOSEBERRIES.		CURRANTS.	
	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.	Amount of bloom, 1887.	Condition June 1, 1887.
Livingston .....	100	104	97	80	89	75	94	86	77	65	81	70
Logan .....	99	101	95	82	98	100	97	97	80	83	75	76
Macon .....	96	97	88	57	92	87	83	82	57	49	70	65
Macoupin .....	91	90	88	72	90	90	82	94	89	87	86	84
Madison .....	100	99	80	80	90	95	95	97	90	85	90	85
Marion .....	100	100	94	61	102	105	92	82	77	65	55	25
Marshall .....	100	80	100	72	100	70	70	55	70	70	52	52
Mason .....	78	97	97	60	82	88	63	65	70	72	73	70
Massac .....	100	83	83	78	100	100	100	100	90	73	85	65
McDonough .....	100	90	91	84	90	85	94	92	75	58	68	57
McHenry .....	110	105	95	95	102	102	100	100	110	110	110	105
McLean .....	96	92	96	55	89	86	85	79	69	44	75	59
Menard .....	72	80	62	45	67	62	67	75	45	55	50	50
Mercer .....	83	80	94	60	85	80	87	82	93	80	89	87
Monroe .....	80	60	100	100	100	100	100	100	100	100	100	100
Montgomery .....	100	100	97	84	100	100	97	100	87	63	87	63
Morgan .....	100	100	97	85	87	87	83	75	100	87	100	87
Moultrie .....	98	83	100	83	103	83	75	72	73	75	55	63
Ogle .....	87	85	95	90	95	97	100	97	95	92	85	82
Peoria .....	82	78	98	77	92	92	74	84	71	87	75	84
Perry .....	100	100	50	70	.....	.....	70	80	80	75	100	.....
Piatt .....	100	100	100	75	102	100	95	90	62	52	57	55
Pike .....	100	92	94	71	89	80	80	80	79	65	50	42
Pope .....	90	100	.....	.....	.....	.....	100	100	100	100	100	100
Pulaski .....	97	85	62	50	75	75	100	100	75	75	50	50
Putnam .....	88	93	90	67	100	97	100	100	93	93	93	93
Randolph .....	104	106	70	82	85	80	100	99	95	99	94	90
Richland .....	97	75	96	87	99	96	99	99	94	62	66	36
Rock Island .....	97	99	77	71	82	88	88	92	61	63	65	68
Saline .....	102	98	100	97	100	97	103	98	95	95	100	98
Sangamon .....	85	83	95	78	95	94	76	97	100	90	87	70
Schuyler .....	90	95	102	77	95	97	100	85	50	40	50	40
Scott .....	95	95	107	77	77	83	42	50	92	75	83	83
Shelby .....	97	92	92	93	93	99	103	103	93	92	75	65
Stark .....	95	95	102	89	92	85	82	77	96	93	93	92
St. Clair .....	72	75	97	100	95	97	102	100	100	100	95	92
Stephenson .....	96	94	96	71	90	83	85	78	75	75	44	17
Tazewell .....	100	100	95	75	95	80	65	75	100	100	50	50
Union .....	87	87	90	65	100	100	100	102	95	80	.....	.....
Vermilion .....	100	100	100	75	100	100	55	62	100	75	100	50
Wabash .....	79	52	100	80	100	97	100	100	96	36	96	32
Warren .....	82	87	103	74	99	95	87	85	99	86	98	84
Washington .....	100	92	97	80	100	92	102	82	96	77	95	58
Wayne .....	83	65	100	87	81	81	79	76	94	61	74	46
White .....	80	77	93	77	83	82	82	82	77	59	67	70
Whiteside .....	72	72	75	68	75	73	67	67	100	100	85	85
Will .....	93	86	79	63	65	66	83	83	81	57	80	64
Williamson .....	100	82	90	66	98	97	100	100	93	79	87	94
Winnebago .....	93	88	96	80	90	82	42	37	100	35	100	62
Woodford .....	95	90	100	85	80	75	67	72	95	95	75	70

FIELD CROPS, ACREAGE AND CONDITION.

COUNTIES.	CORN.			BROOM CORN.		SORG'M.		WHEAT.		SP'G WHEAT.		OATS	RYE.	BARLEY		FLAX.	
	Acreage com- pared with 1886.	Condition June 1, 1887.	Seed — quality comp'd with av.	Acreage com- pared with 1886.	Condition June 1, 1887.	Acreage com- pared with 1886.	Condition June 1, 1887.	Condition June 1, 1887.	Height June 1.	Condition June 1, 1887.	Condition June 1, 1887.	Condition June 1, 1887.	Condition June 1, 1887.	Acreage com- pared with 1886.	Condition June 1, 1887.	Acreage com- pared with 1886.	Condition June 1, 1887.
Adams.....	107	100	100	....	....	80	90	82	39	....	100	95	....	....	....	....	....
Alexander.....	102	100	100	100	100	95	100	95	33	....	95	100	....	....	....	....	....
Bond.....	93	99	110	....	....	89	85	117	37	....	107	90	....	....	....	60	75
Boone.....	99	102	104	80	90	....	....	78	15	94	99	87	104	97	100	100	....
Brown.....	110	100	....	....	....	100	80	100	....	....	100	90	....	....	....	....	....
Bureau.....	94	99	102	....	....	95	97	77	18	83	72	72	92	70	....	....	....
Calhoun.....	102	97	100	....	....	....	....	102	37	100	101	100	....	....	....	....	....
Carroll.....	104	102	109	....	....	....	....	80	24	88	88	83	97	91	....	....	....
Cass.....	101	115	114	....	....	80	80	102	42	....	101	100	....	....	....	....	....
Champaign.....	102	100	102	100	100	100	100	102	28	....	91	100	....	....	....	....	....
Christian.....	101	102	104	....	....	100	100	100	30	....	103	94	....	....	....	....	....
Clark.....	106	99	105	80	100	87	95	91	34	....	100	92	....	....	....	....	....
Clay.....	80	99	108	....	....	100	100	52	39	....	100	80	....	....	100	100	....
Clinton.....	90	100	110	80	90	70	85	80	42	....	110	100	....	....	....	....	....
Coles.....	98	101	110	84	100	100	100	103	37	....	85	100	....	....	....	....	....
Cook.....	101	104	103	....	....	50	100	100	30	90	91	77	100	100	50	100	....
Crawford.....	101	93	103	....	....	99	92	83	26	....	98	95	....	....	....	....	....
Cumberland.....	97	97	106	107	90	95	99	110	36	....	105	107	....	....	100	100	....
DeKalb.....	101	105	104	....	....	....	....	82	15	90	81	85	105	82	100	100	....
DeWitt.....	97	107	112	....	....	97	110	90	24	100	90	86	....	....	....	....	....
Douglas.....	110	103	112	78	93	100	87	93	33	....	83	87	....	....	100	....	....
DuPage.....	100	109	114	....	....	....	....	90	8	85	62	44	97	75	90	90	....
Edgar.....	104	104	102	90	100	100	97	105	33	....	91	100	....	....	....	....	....
Edwards.....	100	95	110	....	....	85	90	40	....	....	120	....	....	....	....	....	....
Effingham.....	102	95	106	....	....	100	92	102	34	....	107	101	....	....	....	....	....
Fayette.....	106	120	107	95	87	85	92	78	36	....	100	88	....	....	....	....	....
Ford.....	103	106	112	....	....	100	100	67	24	75	87	84	....	....	50	100	....
Franklin.....	105	100	110	....	....	100	80	60	36	....	101	....	....	....	....	....	....
Fulton.....	96	106	106	....	....	100	58	88	33	92	91	81	....	....	....	....	....
Gallatin.....	107	100	105	....	....	90	109	67	41	....	90	....	....	....	....	....	....
Greene.....	98	103	102	....	....	65	50	102	30	....	102	105	....	....	....	....	....
Grundy.....	107	109	106	....	....	75	90	97	13	50	75	85	....	....	90	70	....
Hamilton.....	109	97	100	....	....	95	95	55	37	....	110	100	....	....	....	....	....
Hancock.....	99	111	109	....	....	95	100	101	34	....	96	78	....	....	....	....	....
Hardin.....	102	80	110	....	....	....	100	87	42	....	100	....	....	....	....	....	....
Henderson.....	100	90	95	....	....	....	....	60	24	70	70	80	....	....	....	....	....
Henry.....	98	104	103	83	57	75	75	70	24	88	84	64	100	67	110	90	....
Iroquois.....	102	111	117	....	....	100	100	78	42	88	90	82	140	100	86	101	....
Jackson.....	110	100	100	....	....	....	....	75	....	....	115	110	....	....	....	....	....
Jasper.....	97	94	103	80	90	87	100	87	36	....	96	92	....	....	....	....	....
Jefferson.....	111	109	104	....	....	107	109	37	24	....	119	100	....	....	....	....	....
Jersey.....	99	96	105	....	....	....	....	112	46	....	95	....	....	....	....	....	....
JoDaviess.....	102	100	111	....	....	90	100	89	42	95	93	92	100	100	....	....	....
Johnson.....	105	106	100	....	....	87	94	60	36	....	86	90	....	....	....	....	....
Kane.....	101	97	104	....	....	....	....	82	18	13	68	60	100	70	100	70	....
Kankakee.....	102	105	112	....	....	75	95	91	30	75	92	91	....	....	110	....	....
Kendall.....	99	99	105	....	....	....	....	63	15	81	61	72	....	....	....	....	....
Knox.....	101	109	112	50	100	90	97	93	32	92	91	95	....	....	....	....	....
Lake.....	102	101	107	80	95	90	95	90	18	91	89	91	104	97	66	90	....
LaSalle.....	94	103	109	....	....	100	100	76	27	90	75	70	....	....	....	....	....
Lawrence.....	97	93	102	....	....	92	100	66	33	....	104	....	....	....	....	....	....
Lee.....	98	102	106	....	....	97	105	70	42	93	91	78	95	87	....	....	....



## FIELD CROPS, ACREAGE AND CONDITION—Continued.

COUNTIES.	CORN.			BROOM CORN.		SORG'M		W'NT'R WHE'T.		SP'G WH'T	OATS	RYE.	BARL'Y		FLAX.	
	Acreage com- pared with 1886.	Condition June 1, 1887.	Seed — Quality comp'd with av.	Acreage com- pared with 1886.	Condition June 1, 1887.	Acreage com- pared with 1886.	Condition June 1, 1887.	Condition June 1, 1887.	Height June 1.	Condition June 1, 1887.	Condition June 1, 1887.	Condition June 1, 1887.	Acreage com- pared with 1886.	Condition June 1, 1887.	Acreage com- pared with 1886.	Condition June 1, 1887.
Livingston .....	102	110	107	100	110	95	102	72	18	80	86	77	75	70	70	75
Logan .....	98	107	108	....	....	95	97	106	33	....	97	100	....	....	....	....
Macon .....	98	103	107	....	....	90	100	97	39	95	95	100	....	....	....	....
Macoupin .....	101	105	106	....	....	100	110	99	38	....	93	100	100	....	....	....
Madison .....	99	80	86	....	....	....	....	92	37	....	100	95	....	....	....	....
Marion .....	79	97	102	105	100	98	93	59	27	....	117	82	....	....	....	....
Marshall .....	102	100	100	....	....	100	100	65	17	90	75	70	100	85	....	....
Mason .....	99	101	100	90	90	82	92	95	30	....	87	93	....	....	....	....
Massac .....	105	103	108	....	....	95	100	88	40	....	97	105	....	....	....	....
McDonough .....	100	104	112	....	....	97	97	100	28	100	96	86	....	....	....	....
McHenry .....	100	108	107	100	100	100	100	106	36	108	97	105	95	97	100	100
McLean .....	99	109	110	....	....	75	100	99	31	98	98	91	....	....	....	....
Menard .....	100	107	108	....	....	100	100	107	36	....	95	100	....	....	....	....
Mercer .....	96	107	115	....	80	100	95	65	....	84	86	77	....	....	....	....
Monroe .....	100	90	80	60	100	80	100	50	24	....	100	100	100	100	....	....
Montgomery .....	103	99	109	100	100	100	96	104	30	....	97	100	100	100	....	....
Morgan .....	105	110	105	....	....	....	....	106	40	....	100	100	80	100	....	....
Moultrie .....	105	103	105	102	97	....	....	90	20	....	95	93	....	....	100	95
Ogle .....	97	105	110	100	100	....	....	80	18	97	85	92	....	....	....	....
Peoria .....	94	101	107	....	....	....	....	92	33	82	75	80	....	....	....	....
Perry .....	110	100	100	....	....	90	100	95	48	....	105	95	....	....	....	....
Piatt .....	110	102	110	95	102	90	102	97	36	100	95	97	....	....	95	100
Pike .....	97	106	107	....	....	....	....	109	39	....	90	97	....	....	....	....
Pope .....	97	92	100	....	....	75	85	70	30	....	94	....	....	....	....	....
Pulaski .....	100	100	100	....	....	105	100	95	42	....	78	....	....	....	....	....
Putnam .....	100	106	109	....	....	82	100	78	30	92	77	84	....	....	....	....
Randolph .....	100	104	97	100	100	100	100	90	24	....	107	97	....	....	....	....
Richland .....	99	100	99	100	92	93	98	74	27	....	110	105	....	....	....	....
Rock Island .....	101	103	102	....	....	100	100	85	24	85	88	85	100	90	....	....
Saline .....	102	95	100	....	....	93	95	75	16	....	97	....	....	....	....	....
Sangamon .....	100	103	111	100	97	90	95	106	41	....	98	100	....	....	....	....
Schuyler .....	102	105	112	80	100	100	102	95	39	....	105	97	....	....	....	....
Scott .....	97	102	107	....	....	....	....	105	38	....	96	100	....	....	....	....
Shelby .....	105	103	110	100	95	103	98	106	44	....	102	97	90	92	....	....
Stark .....	100	107	108	100	100	100	100	87	14	82	89	80	70	80	....	....
St. Clair .....	102	90	96	....	....	....	....	67	48	....	105	100	....	....	....	....
Stephenson .....	100	104	100	....	....	....	....	72	24	74	74	79	98	71	....	....
Tazewell .....	107	102	105	....	....	....	....	95	27	100	95	100	....	....	....	....
Union .....	100	100	105	....	....	100	90	65	30	....	105	....	....	....	....	....
Vermilion .....	102	105	100	....	....	....	....	100	28	....	100	100	50	100	....	....
Wabash .....	99	91	102	....	....	93	90	61	42	....	102	....	....	....	....	....
Warren .....	102	108	105	105	110	100	105	99	33	95	92	99	....	....	....	....
Washington .....	96	95	100	....	....	98	90	83	37	....	110	103	....	....	....	....
Wayne .....	107	81	102	100	90	109	77	36	29	....	107	25	....	....	....	....
White .....	107	99	105	100	100	95	100	52	27	....	110	....	....	....	....	....
Whiteside .....	100	92	107	....	....	100	80	....	....	73	73	78	....	....	....	....
Will .....	95	93	103	....	....	95	90	95	18	87	85	74	90	80	100	90
Williamson .....	106	100	101	100	100	82	94	52	36	....	105	87	....	....	....	....
Winnebago .....	103	105	112	....	....	97	100	71	17	85	81	72	67	75	....	....
Woodford .....	102	103	100	100	105	80	100	92	20	87	88	95	....	....	....	....

## FIELD CROPS—Acreage and Condition.

COUNTIES.	COTTON		TOBAC- CO.		MEAD- OWS.		CLOVER		PAS- TURES.		IRISH POTA- TOES.		SWEET POTA- TOES.		CORN.
	Acr. compared with 1886.	Condition June 1, 1887	Acr. compared with 1886.	Condition June 1, 1887	Acr. compared with 1886.	Condition June 1, 1887	Acr. compared with 1885.	Condition June 1, 1887	Acr. compared with 1887.	Condition June 1, 1887	Acr. compared with 1886.	Condition June 1, 1886	Acr. compared with 1886.	Condition June 1, 1886	First appearance above ground.
Adams.....					75	71	105	100	100	102	102	92	90	82	May 1.
Alexander.....			90	100	100	100	110	100	100	97	100	105	105	100	May 5.
Bond.....			87	87	100	91	121	100	103	98	103	101	98	96	April 20.
Boone.....					95	60	100	67	100	71	100	103			May 5.
Brown.....					90	80	100	90	90	80	100	90	100	100	May 11.
Bureau.....					93	49	91	68	101	58	87	87			April 25.
Calhoun.....					102	97	101	100	112	94	105	94			May 5.
Carroll.....					89	58	78	65	91	70	103	100	100	100	May 1.
Cass.....					98	96	102	100	102	100	101	101	100	100	April 25.
Champaign.....					100	90	101	97	102	92	100	95	100	100	May 1.
Christian.....					92	89	107	94	101	95	100	92	100	100	May 1.
Clark.....			100	100	100	90	110	99	100	92	101	99	97	96	May 12.
Clay.....					98	95	115	96	96	94	95	93	100	100	May 1.
Clinton.....					60	60	80	80	100	110	85	80	95	80	May 5.
Coles.....			100	100	90	94	104	98	94	100	101	102	100	100	April 15.
Cook.....			100	100	97	72	103	83	100	75	105	102			May 5.
Crawford.....			90	90	99	95	105	95	102	96	102	95	100	96	April 25.
Cumberland.....			100	95	401	97	112	100	107	105	100	99	100	101	May 1.
DeKalb.....					100	71	100	72	100	74	101	85			May 6.
DeWitt.....					95	82	92	93	98	88	102	82	100	95	May 3.
Douglas.....			100	100	105	97	112	100	98	100	95	93	87	82	April 25.
DuPage.....					97	57	90	55	101	59	112	90			May 1.
Edgar.....					89	94	100	95	92	96	98	99	100	98	May 1.
Edwards.....					90	80	115	110	105	90	100	105	100	100	
Effingham.....			90	99	107	101	122	118	102	102	100	98	100	97	May 1.
Fayette.....			77	87	107	103	110	103	102	102	104	102	100	105	May 10.
Ford.....					101	77	107	88	106	85	102	96			May 1.
Franklin.....			100	92	93	91	107	92	99	93	101	103	100	99	April 15.
Fulton.....					97	80	97	91	96	85	102	87	95	97	April 10.
Gallatin.....					100	90	97	100	100	92	102	100	100	100	April 1.
Greene.....					97	102	92	103	100	107	95	100			April 30.
Grundy.....					92	70	85	57	95	64	107	94	100	87	May 1.
Hamilton.....			100	100	102	96	105	92	99	99	100	104	100	100	April 10.
Hancock.....					92	88	99	105	102	101	100	107	100	100	April 20.
Hardin.....			100	100	95	97	102	85	97	85	100	100	87	87	April 10.
Henderson.....					80	50	60	50	100	80	100	90			April 25.
Henry.....					100	41	84	55	101	50	100	100	100	105	May 1.
Iroquois.....					99	74	102	82	98	77	101	106			May 1.
Jackson.....					100	100	100	100	100	110	100	110			May 1.
Jasper.....			100	100	101	85	105	100	103	100	100	102	102	100	April 25.
Jefferson.....					112	99	103	103	105	107	97	93	103	100	April 15.
Jersey.....					97	101	94	104	100	102	102	94	100	95	May 1.
JoDaviss.....					98	71	99	94	97	81	102	98			April 20.
Johnson.....			55	85	87	80	89	80	100	92	102	94	98	95	April 20.
Kane.....					97	42	92	52	99	40	108	85			May 1.
Kankakee.....					97	71	102	93	99	85	100	94	110	105	May 5.
Kendall.....					97	54	90	67	100	50	100	95			May 1.
Knox.....					92	59	99	80	101	76	104	94	99	97	April 20.
Lake.....					100	79	87	81	101	79	101	101			May 10.
LaSalle.....					101	45	94	71	102	54	104	101	100	100	May 1.
Lawrence.....					101	44	99	94	101	97	99	100	100	100	April 15.
Lee.....					98	57	90	70	101	57	103	102	100	97	May 5.



## FIELD CROPS—Continued.

COUNTIES.	COTTON		TOBAC- CO.		MEAD- OWS.		CLOVER		PAS- TURES.		IRISB POTA- TOES.		SWEET POTA- TOES		CORN.
	Acr. compared with 1886.	Condition June 1, 1887	Acr. compared with 1886.	Condition June 1, 1887	Acr. compared with 1887.	Condition June 1, 1887	Acr. compared with 1886.	Condition June 1, 1887	Acr. compared with 1887.	Condition June 1, 1887	Acr. compared with 1886.	Condition June 1, 1887	Acr. compared with 1886.	Condition June 1, 1887	First appearance above ground.
Livingston .....	....	....	....	....	96	59	100	65	97	56	97	92	100	90	May 1.
Logan .....	....	....	....	....	95	89	106	102	98	97	100	93	100	97	April 15.
Macon .....	....	....	....	....	97	96	101	98	97	98	103	95	100	98	April 25.
Macoupin .....	....	....	....	....	94	88	105	100	100	95	94	99	100	92	April 15.
Madison .....	....	....	95	98	99	98	97	95	100	98	100	95	95	98	April 30.
Marion .....	....	....	....	....	105	103	100	110	97	102	107	105	107	95	April 15.
Marshall .....	....	....	....	....	107	50	105	60	95	67	104	102	90	100	April 25.
Mason .....	....	....	....	....	95	92	98	93	97	95	97	88	102	100	May 3.
Massac .....	....	....	75	100	100	80	107	97	108	100	103	100	92	100	April 1.
McDonoug.h .....	....	....	....	....	96	88	100	103	99	104	112	104	100	100	April 10.
McHenry .....	....	....	....	....	95	90	95	90	100	95	105	105	....	....	May 5.
McLean .....	....	....	....	....	96	77	104	100	99	86	101	98	101	101	April 25.
Menard .....	....	....	....	....	97	82	100	93	102	88	105	105	95	95	April 10.
Mercer .....	....	....	....	....	100	52	100	62	100	76	100	100	100	90	May 1.
Monroe .....	....	....	80	100	110	100	110	100	100	100	110	90	100	100	April 20.
Montgomery .....	....	....	....	....	100	103	113	104	101	100	101	97	100	100	May 1.
Morgan .....	....	....	....	....	96	85	97	101	94	96	100	101	100	100	April 25.
Moultrie .....	....	....	....	....	90	82	98	100	100	98	107	100	100	100	May 1.
Ogle .....	....	....	....	....	100	80	100	87	100	82	105	102	100	100	May 5.
Peoria .....	....	....	....	....	100	59	89	89	101	65	102	102	100	100	May 1.
Perry .....	....	....	....	....	100	90	95	90	100	97	100	100	95	90	May 1.
Piatt .....	....	....	....	....	100	100	100	100	92	100	100	97	100	102	May 10.
Pike .....	....	....	....	....	80	82	97	100	101	95	100	102	100	100	April 25.
Pope .....	....	....	50	75	105	95	108	94	102	99	90	95	92	95	April 15.
Pulaski .....	....	....	75	50	100	70	110	100	100	90	102	85	100	100	April 5.
Putnam .....	....	....	....	....	100	52	99	72	100	75	101	94	100	90	May 1.
Randolph, .....	....	....	100	100	100	84	107	94	110	90	106	104	101	100	April 15.
Richland .....	....	....	....	....	97	91	101	96	101	91	102	100	105	100	May 1.
Rock Island .....	....	....	....	....	99	74	77	61	100	79	99	101	100	100	April 20.
Saline .....	....	....	40	90	100	93	102	98	95	93	100	97	97	97	April 4.
Sangamon .....	....	....	90	95	94	96	100	100	97	98	99	97	100	100	April 20.
Schuyler .....	....	....	....	....	100	87	100	95	97	92	102	110	100	100	May 3.
Scott .....	....	....	....	....	91	94	98	103	98	100	102	97	100	100	April 15.
Shelby .....	....	....	90	108	97	110	112	113	101	107	109	108	104	103	April 20.
Stark .....	....	....	....	....	98	63	90	77	100	75	104	102	105	100	April 16.
St. Clair .....	....	....	....	....	105	105	107	105	110	105	107	97	97	100	May 10.
Stephenson .....	....	....	55	100	100	49	97	56	100	65	104	95	....	....	May 1.
Tazewell .....	....	....	....	....	90	85	102	90	95	90	105	87	100	100	April 20.
Union .....	....	....	....	....	90	82	75	92	105	95	100	95	87	97	April 26.
Vermilion .....	....	....	....	....	85	95	105	100	90	100	112	100	100	100	April 25.
Wabash .....	....	....	....	....	102	97	99	95	101	99	101	100	91	99	May 5.
Warren .....	....	....	105	105	81	69	89	84	94	96	103	99	105	105	April 28.
Washington .....	....	....	100	100	100	82	105	87	102	100	103	93	100	93	April 15.
Wayne .....	....	....	100	100	101	96	110	100	101	102	100	96	100	91	April 20.
White .....	....	....	....	....	96	87	94	87	95	92	100	99	95	96	April 15.
Whiteside .....	....	....	....	....	98	43	100	62	100	53	103	92	....	....	May 1.
Will .....	....	....	90	80	99	78	80	73	85	65	99	88	....	....	May 1.
Williamson .....	100	100	47	80	97	97	81	77	100	92	99	102	97	97	April 5.
Winnebago .....	....	....	....	....	96	60	94	67	100	65	97	96	....	....	May 1.
Woodford .....	....	....	....	....	90	78	102	93	97	85	100	103	100	95	May 1.

## YOUNG LIVE STOCK.

Number and Condition Compared with an Average.

COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.	Condition.	Number.	Condition.	Number.	Condition.	Number.	Condition.	Value at weaning time.	Lost prior to weaning.	Average cost of service.
Adams.....	75	62	97	95	90	92	85	97	\$42	5	\$15
Alexander.....	95	100	100	100	100	105	105	110	.....	.....	7
Bond.....	93	105	92	101	99	102	97	93	37	7	9
Boone.....	89	89	89	97	91	89	100	96	42	9	12
Brown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bureau.....	76	90	77	96	90	113	94	95	37	7	13
Calhoun.....	98	95	100	100	85	100	95	100	30	5	7
Carroll.....	88	98	125	110	87	100	75	100	45	10	12
Cass.....	98	103	100	100	98	100	95	100	45	7	13
Champaign.....	96	102	100	100	100	100	99	97	47	10	14
Christian.....	90	100	97	101	96	99	94	97	44	6	15
Clark.....	89	99	90	102	99	100	107	100	39	4	11
Clay.....	82	91	90	100	97	100	102	102	39	8	9
Clinton.....	80	75	75	100	100	90	100	100	40	10	10
Coles.....	94	103	100	102	98	99	100	99	53	8	16
Cook.....	87	100	100	100	100	100	73	100	35	5	10
Crawford.....	96	91	95	94	96	91	98	91	44	7	12
Cumberland.....	89	100	110	98	101	100	101	97	40	7	9
DeKalb.....	95	97	95	100	102	100	102	97	36	3	13
DeWitt.....	90	97	92	100	100	105	87	105	42	5	15
Douglas.....	77	100	97	100	100	100	100	100	37	15	10
DuPage.....	77	100	92	100	102	100	101	100	44	6	15
Edgar.....	89	94	89	99	91	98	90	100	40	7	12
Edwards.....	90	95	85	100	80	100	105	100	50	.....	12
Effingham.....	100	106	100	100	99	103	104	102	37	6	8
Fayette.....	103	100	103	100	97	103	107	100	33	7	8
Ford.....	72	100	82	105	90	97	95	100	49	10	13
Franklin.....	102	100	72	100	75	102	97	100	38	.....	10
Fulton.....	94	99	93	100	100	100	92	100	39	8	12
Gallatin.....	90	90	100	100	100	97	90	100	35	7	7
Greene.....	60	87	100	110	100	100	97	100	45	.....	13
Grundy.....	92	95	97	95	105	98	91	98	40	11	17
Hamilton.....	81	92	92	100	100	100	100	97	45	10	7
Hancock.....	87	98	100	100	101	103	102	102	42	5	12
Hardin.....	87	80	95	90	92	85	90	90	42	3	6
Henderson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Henry.....	73	98	96	100	101	101	98	99	44	9	14
Iroquois.....	95	100	86	99	101	100	94	99	44	7	12
Jackson.....	90	100	110	100	105	100	100	100	50	.....	12
Jasper.....	98	102	92	100	93	100	102	100	40	10	9
Jefferson.....	72	83	100	95	92	100	107	100	46	4	10
Jersey.....	94	95	97	94	97	100	89	100	52	3	14
JoDavies.....	88	94	100	100	93	98	91	100	39	5	12
Johnson.....	101	85	96	97	99	97	101	96	48	6	10
Kane.....	76	97	88	96	97	97	91	100	38	8	13
Kankakee.....	82	98	77	100	97	98	97	95	40	5	9
Kendall.....	102	96	93	97	95	95	97	100	33	5	15
Knox.....	77	101	100	100	100	100	101	100	44	10	13
Lake.....	77	100	96	100	100	99	97	100	44	5	12
LaSalle.....	93	111	101	100	94	100	74	95	45	10	16
Lawrence.....	87	95	91	100	101	99	103	100	44	7	11



## YOUNG LIVE STOCK—Continued.

Number and Condition Compared with an Average.

COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.	Condition.	Number.	Condition.	Number.	Condition.	Number.	Condition.	Value at weaning time.	Loss prior to weaning time.	Average cost service.
Lee.....	103	100	99	100	102	102	102	101	\$40	5	\$12
Livingston.....	62	95	75	93	81	97	94	97	50	10	12
Logan.....	90	102	97	100	97	102	101	100	49	7	15
Macon.....	77	99	100	100	100	100	104	100	50	5	14
Macoupin.....	89	98	85	100	104	99	104	98	40	4	11
Madison.....	92	100	90	96	100	100	96	100	50	3	12
Marion.....	73	85	100	102	95	101	97	97	43	9	9
Marshall.....	85	105	100	100	87	100	95	100	40	10	11
Mason.....	95	100	---	---	100	100	100	100	40	4	11
Massac.....	80	93	90	97	100	100	77	93	37	---	9
McDonough.....	85	90	97	98	103	104	102	101	46	7	13
McHenry.....	82	100	97	102	97	97	97	97	37	3	12
McLean.....	115	102	106	102	103	100	93	95	55	10	16
Menard.....	78	85	100	100	100	100	103	98	45	10	16
Mercer.....	67	100	117	100	92	100	88	100	40	2	11
Monroe.....	100	100	80	100	110	100	100	100	35	5	10
Montgomery.....	94	100	91	100	102	100	102	100	41	4	13
Morgan.....	87	100	105	100	107	100	97	100	60	6	15
Moultrie.....	75	100	85	100	97	98	88	103	42	4	11
Ogle.....	75	100	---	---	100	100	100	100	40	---	12
Peoria.....	90	96	100	97	94	99	94	96	47	7	14
Perry.....	62	90	85	100	97	100	105	100	37	10	10
Piatt.....	50	100	100	100	102	100	105	100	42	2	19
Pike.....	70	87	90	100	102	100	105	100	35	5	11
Pope.....	87	92	97	100	87	100	97	100	40	---	7
Pulaski.....	110	100	110	100	120	100	100	100	30	10	10
Putnam.....	95	99	102	102	99	100	100	99	50	3	16
Randolph.....	90	95	97	100	102	100	65	95	40	10	15
Richland.....	89	90	100	100	97	94	94	96	37	7	9
Rock Island.....	76	95	88	98	100	99	96	99	33	7	12
Saline.....	90	100	102	100	98	100	105	100	40	2	9
Sangamon.....	86	99	100	100	96	97	91	100	50	4	14
Schuyler.....	80	95	100	100	100	100	100	100	40	5	12
Scott.....	75	83	100	100	100	100	107	100	38	5	13
Shelby.....	70	93	97	107	108	105	107	102	45	6	10
Stark.....	91	100	100	100	98	100	102	100	44	8	11
St. Clair.....	100	100	97	100	101	100	102	100	25	1	13
Stephenson.....	80	98	98	100	97	98	96	100	33	7	11
Tazewell.....	75	100	100	100	102	100	102	100	42	5	15
Union.....	90	105	102	100	100	100	75	100	50	---	15
Vermilion.....	112	100	100	100	100	100	105	100	55	---	12
Wabash.....	94	102	74	100	102	100	101	102	47	5	11
Warren.....	100	101	94	100	98	101	101	100	36	5	14
Washington.....	73	75	97	92	102	97	100	100	40	6	9
Wayne.....	77	90	103	103	97	100	103	100	36	5	8
White.....	85	97	94	100	95	100	95	97	39	6	10
Whiteside.....	70	100	100	100	100	100	105	100	50	---	12
Will.....	90	100	97	100	100	94	100	99	46	6	13
Williamson.....	87	85	94	93	99	100	93	100	41	3	6
Winnebago.....	51	100	70	107	99	98	92	97	42	2	14
Woodford.....	62	98	100	100	100	98	95	100	67	10	16

CONDITION OF IRISH POTATOES JUNE 1, 1887.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.												
COUNTIES.										COUNTIES.										COUNTIES.												
Av. condition June 1.										Av. condition June 1.										Av. condition June 1.												
1887	1886	1885	1884	1883	1882	1881	Ac. '87 com- pared 1886.				1887	1886	1885	1884	1883	1882	1881	Ac. '87 com- pared 1886.				1887	1886	1885	1884	1883	1882	1881	Ac. '87 com- pared 1886.			
Boone.....	100	103	98	101	97	90	103	100	94	96	90	95	100	100	80	92	100	102	100	92	100	105	90	100	100	109	130	100	103	90		
Bureau.....	87	87	101	99	97	90	100	100	100	100	100	100	100	100	75	102	103	103	103	103	101	101	100	96	83	105	103	101	102			
Carroll.....	103	100	99	97	90	90	92	92	92	92	92	92	92	92	88	100	100	95	95	95	93	93	72	100	100	100	99	105				
Cook.....	105	102	102	97	100	94	94	90	94	90	90	90	90	90	70	98	95	101	101	101	85	80	100	75	80	105	105	102				
DeKalb.....	101	85	98	98	97	88	90	97	87	90	90	100	100	100	88	100	92	100	100	100	102	95	89	98	86	97	106	92				
DuPage.....	112	90	97	87	85	97	87	87	87	87	87	87	87	87	99	92	84	100	100	100	100	105	100	100	100	92	100	101				
Grundy.....	107	94	82	92	102	92	103	103	103	79	100	100	100	100	97	103	98	100	100	100	100	98	96	94	92	106	102	102				
Henderson.....	100	90	104	100	100	100	97	97	97	100	100	100	100	100	100	103	100	100	100	100	100	103	96	99	90	102	101	98				
Henry.....	100	100	102	92	96	93	83	83	83	94	100	100	100	100	100	100	104	100	100	100	102	100	100	100	100	97	100	101				
Iroquois.....	101	106	105	92	101	89	94	94	94	96	96	96	96	96	87	94	94	100	100	100	100	104	99	97	95	93	90	90				
JoDavies.....	102	98	99	92	94	100	92	92	92	92	92	92	92	92	91	109	98	100	100	100	100	100	97	80	106	75	100					
Kane.....	108	85	102	95	99	93	92	92	92	92	92	92	92	92	84	100	95	100	100	100	100	110	105	95	87	96	92	92				
Kankakee.....	100	94	96	100	100	100	85	85	85	87	100	100	100	100	84	100	95	100	100	100	100	102	100	100	100	100	106	100	100			
Kendall.....	100	95	92	100	92	85	87	87	75	87	100	100	100	100	76	118	97	100	100	100	100	102	100	100	100	75	92	100	102			
Knox.....	104	94	101	99	100	88	96	96	97	96	96	96	96	96	110	105	101	100	100	100	97	93	92	105	88	98	96	97				
Lake.....	101	101	102	83	92	90	97	92	92	92	92	92	92	92	87	90	97	100	100	100	102	94	97	94	98	95	106	100	100			
LaSalle.....	104	101	101	89	84	71	93	96	96	96	96	96	96	96	96	95	102	100	100	100	100	100	100	100	100	100	106	100	95			
Lee.....	103	102	100	98	99	96	100	97	90	100	100	100	100	100	89	97	96	100	100	100	100	102	99	100	100	100	100	100	100			
Livingston.....	97	92	102	91	99	97	97	97	90	97	97	97	97	97	83	94	98	100	100	100	100	100	99	100	100	100	106	100	95			
Marshall.....	104	102	90	95	107	90	95	82	82	95	95	95	95	95	91	95	96	100	100	100	100	100	100	100	100	100	106	100	95			
McHenry.....	105	105	98	83	102	100	95	98	90	100	100	100	100	100	92	92	96	100	100	100	100	100	100	100	100	100	100	100	95			
Mercer.....	100	100	93	93	105	100	95	95	95	95	95	95	95	95	85	105	99	100	100	100	100	100	100	100	100	100	100	100	95			
Ogle.....	105	102	96	97	85	79	92	100	100	92	92	92	92	92	85	86	66	90	95	95	95	95	100	100	100	100	100	100	93			
Peoria.....	102	102	104	95	97	79	100	90	90	100	100	100	100	100	86	104	101	102	102	102	102	85	100	102	123	100	112	100	100			
Putnam.....	101	94	99	92	97	96	104	100	100	104	100	102	80	65	96	102	102	106	106	106	106	104	97	103	99	84	101	100	100			
Rock Island.....	99	101	98	99	98	101	81	100	100	101	101	99	100	102	65	114	102	102	102	102	102	102	100	83	99	97	95	100	92			
Stark.....	104	102	102	92	100	87	94	94	94	96	96	96	96	96	91	99	96	100	100	100	100	97	100	100	100	100	101	98	100			
Stephenson.....	104	95	100	98	94	97	96	96	96	96	96	96	96	96	84	94	98	107	107	107	107	97	100	100	100	100	101	106	105			
Warren.....	103	99	107	102	107	87	92	92	92	92	92	92	92	92	110	100	100	100	100	100	100	95	*96	90	102	88	93	102	100			
Whiteside.....	103	92	94	98	87	88	97	105	105	97	97	96	85	98	85	99	101	110	110	110	110	100	85	97	100	97	101	102	100			
Will.....	99	88	101	78	87	93	85	87	87	85	80	90	102	80	80	80	98	103	103	103	93	100	100	100	87	100	103	95	100			
Winnebago.....	97	96	95	91	82	95	98	100	100	93	105	93	99	83	105	100	100	100	100	100	100	96	94	92	93	100	97	101	100			
Woodford.....	100	103	102	92	112	103	103	97	97	103	95	100	95	92	99	98	98	100	100	100	100	99	65	90	97	100	108	92	100			
Average.....	102	97	99	93	96	93	92	94	94	93	96	100	105	105	85	106	100	100	100	100	98	96	96	96	94	95	102	92	92			

\*Estimated.



# MONTHLY WEATHER REVIEW

—OF THE—

ILLINOIS STATE WEATHER SERVICE,

—FOR—

MAY, 1887.

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

Illinois State Board of Agriculture.

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**CHARLES F. MILLS,**

*Secretary State Board of Agriculture.*

**ROBERT E. KERKAM,**

*Sergeant, Signal Corps, U. S. Army, Ass't.*

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SPRINGFIELD:  
STATE JOURNAL PRINT.  
1887

# NAMES OF OBSERVERS REPORTING TO THE ILLINOIS STATE WEATHER SERVICE.

COUNTY.	OBSERVER.	POST OFFICE.	Eleva- tion, feet.	Latitude.	Longitude
*Adams .....	Daniel E. Robbins .....	Payson.....		39° 50'	91° 15'
Alexander .....	C. L. Bozzell.....	Cairo .....	359	37°	89° 10'
†Bond.....	M. S. Oudyn.....	Greenville.....		38° 55'	89° 25'
Boone.....	E. L. Lawrence.....	Belvidere.....		42° 14'	88° 50'
†Brown .....	C. F. Rickey.....	Mt. Sterling.....		40° 0'	90° 47'
Bureau.....	Ezra Stetson.....	Neponset.....		41° 20'	89° 50'
Calhoun.....					
Carroll .....	George L. Beeler .....	Lanark. ....		42° 7'	89° 51'
†Cass .....	W. W. Gailey.....	Ashland .....		39° 55'	90° 1'
Champaign .....	Hubert A. Burr.....	Philo .....	771	39° 59'	88° 8'
Christian.....	J. K. Eberle.....	Pana .....	760	39° 25'	89° 7'
Clark.....	J. B. Sheapley.....	Martinsville .....	616	39° 21'	87° 54'
Clay.....	L. A. Michels.....	Flora.....		38° 45'	88° 30'
Clinton.....	Wm. Rogan .....	Carlyle.....		38° 40'	89° 30'
Coles.....	Wm. Dozier.....	Mattoon.....	724	39° 29'	88° 23'
Cook.....	Allen Buell.....	Chicago.....	661	41° 50'	87° 40'
Crawford .....	John E. Templeton.....	Palestine .....		39° 2'	87° 37'
†Cumberland .....	Hon. S. F. Wilson.....	Neoga .....			
DeKalb.....	Roswell Dow.....	Sycamore .....	800	42°	88° 42'
DeWitt.....					
*Douglas.....	Miss May Iles.....	Camargo.....		39° 49'	88° 20'
*DuPage.....	Royal T. Morgan.....	Wheaton.....		41° 53'	88° 5'
Edgar.....	Wilbur T. Cook.....	Paris .....		39° 38'	87° 42'
Edwards.....	B. F. Michels.....	Albion .....		38° 24'	88° 6'
*Effingham. ....	George Strong .....	Eberle .....		38° 58'	88° 30'
Fayette.....	Jos. Urbani.....	Vandalia.....		39°	89° 7'
Ford.....	Fr. Dienelt.....	Melvin .....		40° 35'	88° 25'
Franklin.....	John McPherson.....	Benton .....		38° 2'	88° 56'
Fulton.....	Miss Mary C. Bennett.....	Fairview .....	500	40° 38'	90° 10'
Gallatin.....	C. J. Lemen.....	Shawneetown.....	353	37° 45'	88° 10'
Greene.....	P. J. Bates .....	White Hall.....	480	39° 27'	90° 25'
*Grundy.....	Geo. W. Bartlett.....	Morris .....		41° 22'	88° 27'
Hamilton.....	Wm. P. Gibbs .....	McLeansboro.....		38° 7'	88° 35'
Hancock.....	F. Z. Gosewisch.....	Keokuk, Iowa.....	618	40° 25'	91° 25'
†Hardin.....	J. S. Abbott.....	Elizabethtown.....		37° 30'	88° 20'
Henderson .....	R. Hodson.....	Oquawka.....		40° 57'	90° 58'
*Henry.....	N. W. Thornton.....	Geneseo.....		41° 30'	90° 15'
Iroquois.....	Henry Upsall .....	Watseka .....	640	40° 48'	87° 45'
*Jackson.....	Frank Hopkins .....	Makanda.....	765	37° 40'	89° 15'
†Jasper.....	John B. Harris.....	Newton.....		39° 3'	88° 11'
Jefferson.....					
*Jersey.....	A. M. Cheney .....	Jerseyville.....		39° 10'	90° 21'
JoDaviess.....	Jacob Boss .....	Galena.....		42° 25'	90° 32'
*Johnson.....	Martin T. Vancleve.....	Vienna .....		37° 26'	88° 55'
Kane.....	M. M. Robbins.....	Aurora.....	676	41° 47'	88° 8'
Kankakee.....	H. M. Bannister.....	Kankakee.....		41° 57'	87° 55'
Kendall.....					
Knox.....	T. A. Wetmore.....	Oneida.....		41° 2'	90° 15'
Lake .....	J. M. G. Carter.....	Waukegan .....	650	42° 21'	87° 50'
Lake .....	L. R. F. Griffin.....	Lake Forest.....	593	42° 16'	87° 50'
LaSalle.....	J. O. Harris.....	Ottawa .....	500	41° 20'	88° 52'
Lawrence.....	J. A. Fyffe.....	Sumner.....		38° 45'	88° 52'
Lee.....	Matthias Schick .....	Prairieville .....	725	41° 50'	89° 38'

\* Failed to forward their reports in time to be included in the compilation of May Review.

† Late appointment.

An observer is greatly desired in each of the counties left blank.

(List of Observers continued on 3d page of Cover.)



# MONTHLY WEATHER REVIEW

## OF THE

# ILLINOIS STATE WEATHER SERVICE

SPRINGFIELD, MAY, 1887.

*(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from 42° 30' to about 40° 31'; the Central Division extends from about 40° 31' to about 39°; the Southern Division from about 39° to 36° 51'.)*

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## INTRODUCTORY.

The average atmospheric pressure was slightly above the May normal for six years.

The maximum temperature of 98 degrees is the highest on record for the month, and the mean temperature was nearly five degrees above the May normal for thirteen years.

There has been a general deficiency of rainfall during the month, notably so in the Northern Grand Division, where the average for the past spring was over *five* inches below the spring average for the past ten years. The average rainfall for the Central and Southern Grand Divisions was less than one inch below the normal for May, and was well distributed, falling at opportune times. Thunderstorms were frequent, but few casualties from lightning were reported.

Hail fell in certain sections, being reported quite heavy, but without damage to crops.

There were no violent wind or rain storms reported during the month.

ATMOSPHERIC PRESSURE.

(Inches and hundredths.)

The average atmospheric pressure for May, 1887, was slightly above the normal pressure for the month.

The monthly range was less than half the average range, the greatest reported being 0.84 from Waukegan, Lake county, and the least, 0.55, from Cairo, Alexander county.

The average range for the State was 0.69; for the Northern Division, 0.73; Central Division, 0.67, and Southern Division, 0.66.

The highest pressure prevailed on the 3d, and the lowest on the 1st and 30th—the latter being the dates of the only well defined low areas affecting the State during the month.

TEMPERATURE OF THE AIR.

(Degrees, Fahrenheit.)

There have been but two spring months in the past thirteen years having a greater degree of heat than that of the past month: May of 1880, with a mean temperature of 68°.1, and May of 1881, with a mean of 69°.1, being these exceptions.

The mean temperature of May, 1887, 67°.4, was 4°.5 above the normal for the past thirteen years. The coolest May in that period being in 1882, with a mean of 58°.1.

The mean temperature of the Northern Division was 65°.2; of the Central Division, 67°.9, and of the Southern Division, 69°.9.

The departures above the normal were marked in each of the three Divisions, and in but one of the counties reporting (Clay) was the mean temperature a trifle below the normal.

The greatest departures are as follows:

ABOVE THE NORMAL.					
County.	Place.	Deg.	County.	Place.	Deg.
Lake...	Waukegan.....	3.5	Knox.....	Oneida .....	4.8
McHenry.....	Kiley.....	5.4	Champaign .....	Philo.....	5.5
Kane .....	Aurora.....	3.7	Greene.....	White Hall.....	3.7
DeKalb .....	Syeamore.....	4.9	Crawford.....	Palestine.....	7.9
Rock Island.....	Davenport, Iowa..	5.4	St. Clair.....	St. Louis, Mo ...	4.0
Peoria.....	Peoria.....	6.6	Hamilton.....	McLeansboro.....	5.6

The highest monthly mean temperature, 73°.7, was reported from Martinsville, Clark county, and the lowest, 58°.2, from Waukegan, Lake county.

Table of May maximum, minimum and mean temperatures of Illinois, for the years specified.

TEMP.	MAY.													
	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	Av'r- age.
Max. ....	.....	.....	.....	89	97	92	94	90	91	89	92	94	98	.....
Min.....	.....	.....	.....	35	28	32	30	27	29	24	28	32	35	.....
Mean ....	60.6	63.0	61.3	60.9	63.2	68.1	69.1	58.1	58.9	61.6	60.8	64.8	67.4	62.9

The maximum temperature for May, 1887, 98°, is one degree above the highest May temperature heretofore recorded. It was reported from Oquawka, Henderson county, on the 9th. The lowest temperature during the month, 35°, was reported from Mount Morris, Ogle county, on the 4th. The dates of the occurrence of the maximum and minimum tem-



peratures reported, cover the entire month if the last eight days are excepted on the maximum side. The temperature was very equable during the entire month; the highest daily mean for the State was 74°, and the lowest 56°. The cool spells from the 3d to 6th and 30th and 31st were the sole reminders that it was not summer.

*Table of mean maximum and minimum temperatures for May, 1887.—*

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.		
STATIONS.	Temp.		STATIONS.	Temp.		STATIONS.	Temp.	
	Mean Maximum.	Mean Minimum.		Mean Maximum.	Mean Minimum.		Mean Maximum.	Mean Minimum.
Waukegan.....	67.3	49.7	Champaign.....	78.0	62.0	Vandalia.....	80.0	59.0
Aurora.....	79.4	51.7	Jacksonville.....	76.4	59.0	Collinsville.....	77.3	58.2
Joliet.....	79.4	52.3	Griggsville....	79.4	58.2	Flora.....	78.0	55.0
Ottawa.....	78.0	60.4	Louisiana, Mo....	79.2	55.2	Centralia.....	78.0	55.0
Hennepin.....	82.8	49.7	Windsor.....	78.0	57.9	Richview.....	76.6	58.9
Kankakee....	79.3	60.6				Jordan's Grove...	81.0	65.5
Lacon.....	79.0	57.0				Shawneetown.....	80.9	68.8
Minonk.....	77.7	62.4						
Peoria.....	81.8	58.6						
Watseka.....	78.4	49.3						

### RANGE OF TEMPERATURE.

The absolute monthly range of temperature for the State for May was 63°. For the Northern Division, 63° (the highest and lowest temperatures were reported from that section); for the Central Division, 57°, and for the Southern Division, 50°.

The greatest monthly range reported from any station was 55° from Mt. Morris, Ogle county.

The greatest daily range, 48°, was reported from Hoopeston, Vermilion county, on the 1st, and the least daily range, 2°, was reported from Pontiac, Livingston county, on the 2d; Minonk, Woodford county, on the 30th; Louisiana, Mo., Pike county, on the 2d, and White Hall, Greene county, on the 2d and 31st.

The mean daily range of temperature for the State, 19°.6, was several degrees in excess of the normal for May. It was 21°.7 for the Northern Division; 19°.0 for the Central, and 17°.2 for the Southern.

Hennepin, Putnam county, reported a mean daily range of 33°.1, and Shawneetown, Gallatin county, 12°.1.

### PRECIPITATION.

*(Inches and hundredths.)*

A great deficiency in the rainfall for the month is noted for the Northern Division. The average for the State, 2.94, was 1.24 below the May normal for the past ten years, but the rainfall for the Central and Southern Divisions being only from 0.67 to 0.76 below their respective averages, it is apparent that the bulk of the deficiency noted above is due to the lack of rainfall in the Northern Division where the average for the month, 1.77, was 2.09 below the May normal for the past ten years. The average amount in the Central Division, 3.84, was 0.67 below the May normal, and in the Southern Division, 3.44, was 0.76 below the normal for the month.

Rain fell on twenty days during May in the Northern Division; but the amount deposited was inappreciable nearly two-thirds of the time. Prior to the 21st there was barely appreciable rainfall. More moisture was deposited during the general thunderstorm of the 22d than the total for the remainder of the month.

The Central and Southern Divisions (excepting the extreme southern section—Pulaski and Alexander counties) were more fortunate, receiving a liberal supply that was well distributed.

Table of average May precipitation for each Division and the State, for the years specified:

Territory.	May.										Average.
	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	
Northern Division.....	4.46	3.60	5.14	2.27	4.98	6.34	3.38	2.20	4.47	1.77	3.86
Central Division .....	6.34	1.47	5.96	1.84	8.63	5.17	4.39	3.55	3.93	3.84	4.51
Southern Division.....	5.11	2.15	4.92	2.94	6.48	4.85	5.05	3.16	3.94	3.44	4.20
The State.....	5.30	2.41	5.34	2.36	6.70	5.45	4.27	2.93	4.12	2.94	4.18

The greatest monthly precipitation, 6.50, was reported from Pana, Christian county, and the least, 0.80, from North Caledonia, Pulaski county.

The following are the most marked departures from the normal rainfall for May.

Above the Normal.			Below the Normal.		
County.	Place.	Inches.	County.	Place.	Inches.
Champaign .....	Philo.....	1.02	McHenry .....	Riley .....	2.31
Christian .....	Pana .....	1.71	Cook .....	Chicago .....	2.12
Crawford .....	Palestine. ....	1.46	DeKalb .....	Sycamore.....	2.75
Clay .....	Flora .....	1.13	LaSalle .....	Ottawa.....	3.52
St. Clair.....	St. Louis, Mo.....	1.22	Rock Island.....	Davenport, Iowa...	2.33
Wabash .....	Mt. Carmel .....	1.33	Mercer .....	Aledo .....	2.52
			Peoria .....	Peoria .....	2.45
			Sangamon .....	Springfield .....	2.81
			Pope.....	Golconda .....	2.86
			Alexander .....	Cairo .....	2.58

The following are the places reporting one inch or more precipitation in 24 hours, with amounts and dates—arranged according to latitude:

Belvidere, 2.02 on 22d; Aurora, 1.31 on 22d; Melvin, 1.00 on 5th; Fairview, 1.38 on 10th, and 1.12 on 22d; Philo, 1.04 on 5th, and 1.60 on 22d; Paris, 1.35 on 31st; Jacksonville, 1.25, on 5th; Louisiana, Mo., 1.10 on 5th, and 1.28 on 16th; Mattoon, 1.04 on 5th, and 1.10 on 22d; Pana, 1.00 on 3d, 2.00 on 4th, and 1.25 on 31st; Windsor, 1.65, on 23d; Martinsville, 1.35 on 4th, and 1.75 on 29th; Palestine, 1.25 on 5th, and 1.75 on 29th; Collinsville, 1.09 on 4th; Sumner, 1.80 on 5th, and 1.10 on 17th; Olney, 1.09 on 4th, and 1.35 on 5th; Flora, 1.87 on 4th; Mascoutah, 1.50 on 5th; St. Louis, Mo., 1.54 on 4th; Fairfield, 2.00 on 4th, and 1.75 on 22d; Richview, 1.59 on 5th; McLeansboro, 1.15 on 4th; Three Mile, 1.08 on 4th, and Jordan's Grove, 1.81 on 4th.

HAIL.

Belvidere, on 22d; Philo, light, on 24th; Paris, on 21st and 31st; Vandalia, on 22d; Benton, on 4th; Waukegan, on 23d; Virden, on 10th; Mason City, on 13th; Cedarville, on 1st and 10th; Richview, on 22d; Fairfield, on 4th, 11th and 30th.

RELATIVE HUMIDITY.

(Per cent )

The mean relative humidity for the State for the month was 69; for the Northern Division, 67; Central Division, 70, and Southern Division, 72. The greatest monthly mean, 79, was reported from Richview, Washington county, and the least, 59, from Peoria, Peoria county.



WIND.

The prevailing direction of the wind for the State, and Northern and Central Divisions was southeast, and for the Southern Division south.

The following is the wind data for April, as reported from stations having self-registering anemometers:

STATIONS.	WIND—Miles.		
	Total movement.	Av. hourly velocity.	Maximum hourly velocity—direction and date.
Chicago .....	6,915	9.3	44—S. W. on the 2d.
Davenport, Iowa .....	5,396	7.3	40—S. W. on the 2d.
Watseka .....	4,536	6.1	40—W. on the 2d.
Keokuk, Iowa.....	5,305	7.1	50—S. E. on the 1st.
Springfield .....	5,154	6.9	28—S. on the 2d
Jacksonville.....	4,080	5.5	28—S. W. on the 2d.
Windsor .....	4,477	6.0	48—W. on the 2d.
St. Louis, Mo.....	4,674	6.3	28—S. W. and N. on the 2d and 22d.
Cairo.....	4,162	5.6	41—S. on the 2d.

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 times the number of days in the month.

DAYS CLEAR, FAIR, CLOUDY, ETC.

For the State, average number of days clear, 13; fair 10; cloudy 8, and 9 on which appreciable precipitation fell.

Northern Division: Clear 14; fair 10; cloudy 7, and 7 on which appreciable precipitation fell.

Central Division: Clear, 14; fair, 10; cloudy, 7, and 11 on which appreciable precipitation fell.

Southern Division: Clear, 13; fair, 10; cloudy, 8, and 10 on which appreciable precipitation fell.

This, computed according to the following formula “considering the sun entirely obscured on a ‘cloudy’ day and obscured one-half the time on a ‘fair’ day,” will approximate 58 per cent. of sunshine for the State, which is about 7 per cent. above the normal sunshine for the month; 61 per cent. for the Northern Division; 61 per cent. for the Central, and 58 per cent. for the Southern.

THUNDERSTORMS.

Cairo, on 1st, 2d, 3d, 4th, 10th, 12th, 13th, 16th, 22d, 23d, 26th and 31st; Belvidere, on 15th and 22d; Lanark, on 10th and 15th; Philo, on 4th, 17th, 21st, 22d and 30th; Pana, on 2d, 3d, 4th, 5th, 12th, 21st, 29th and 31st; Martinsville, frequent; Flora, on 3d, 4th, 5th, 6th, 10th and 22d; Irishtown, on 2d, 10th and 21st; Mattoon, on 1st, 2d, 4th, 12th, 16th, 21st, 22d, 23d, 24th, 29th and 31st; Palestine, on 12th, 21st and 30th; Sycamore, on 15th, 21st, 22d and 23d; Paris, on 1st, 2d, 4th, 11th, 17th, 21st, 23d, 30th and 31st; Albion, on 4th, 10th and 22d; Vandalia, on 2d, 4th, 10th, 12th and 22d; Melvin, on 1st, 4th, 5th, 11th, 21st, 22d and 23d; Benton, on 2d, 10th and 13th; Fairview, on 10th; Shawneetown, on 4th, 10th, 11th, 16th and 30th; McLeansboro, on 2d, 3d, 4th, 10th, 12th, 13th, 15th, 16th, 21st, 22d, 23d, 26th, 30th and 31st; Watseka, on 5th, 11th, 21st, 22d and 29th; Aurora, on 22d and 23d; Kankakee, on 22d and 29th; Oneida, on 1st, 12th, 14th, 15th, 21st and 22d; Lake Forest, on 11th, 21st, 22d and 23d; Waukegan, on 23d; Ottawa, on 21st and 22d; Pontiac, on 5th, 21st and 23d; Beason, on 22d; Collinsville, on 2d, 3d, 4th, 5th, 10th, 15th, 16th, 17th and 29th; Lacon, on 1st, 9th, 10th, 14th, 21st,

22d, 29th and 31st; Jacksonville, on 1st, 21st and 22d; Mt. Morris, on 14th, 15th and 23d; Peoria, on 1st, 21st and 22d; Griggsville, on 15th and 22d; Louisiana, Mo., on 1st, 5th, 9th, 10th, 15th, 21st, 22d, 26th and 29th; Golconda, on 4th, 10th, 11th, 13th, 16th, 26th and 30th; North Caledonia, on 2d, 3d, 4th, 10th, 11th, 12th, 13th, 14th, 16th, 23d, 26th and 31st; Hennepin, on 15th; Jordan's Grove, on 1st, 2d, 3d, 4th, 5th, 11th, 13th, 15th, 16th, 22d and 26th; Davenport, Ia., on 1st, 2d, 10th, 12th, 13th, 14th, 15th, 21st, 22d and 29th; Windsor, on 1st, 2d, 3d, 4th, 5th, 12th, 21st, 22d, 29th and 30th; Mascoutah, on 2d, 4th, 5th, 10th, 11th, 12th, 15th, 16th, 17th, 22d, 30th and 31st; Cedarville, on 1st, 12th, 22d and 29th; Pekin, on 1st; Richview, on 1st, 2d, 3d, 4th, 5th, 10th, 11th, 13th, 15th, 16th, 22d and 23d; Fairfield, on 4th, 17th and 22d, and Minonk, on 21st and 22d.

## ATMOSPHERIC ELECTRICITY.

### AURORAS.

Waukegan, on 25th; Windsor, bright on 22d, and faint on 25th, and Rockford, on 19th.

## OPTICAL PHENOMENA.

### SOLAR HALOS.

Lanark, on 4th, very bright; McLeansboro on 30th; Sumner, on 16th; Riley, on 16th and 29th; Jacksonville, on 2d, 3d and 4th; Springfield, on 15th and 29th; Pekin, on 2d; Richview, on 15th, 16th and 26th, and Rockford, on 2d.

### LUNAR HALOS.

Cairo, on 1st; Belvidere, on 3d; Flora, on 29th; Sycamore, on 2d; Paris, on 29th; Albion, on 1st and 2d; Aurora, on 3d; Lake Forest, on 2d; Waukegan, on 1st and 2d; Pontiac, on 2d; Riley, on 2d, 3d and 30th; Jacksonville, on 1st, 3d and 28th; Mt. Morris, on 2d, 3d and 4th; Golconda, on 28th; North Caledonia, on 1st and 28th; Olney, on 1st, 2d and 3d; Davenport, Ia., on 2d and 3d; Springfield, on 3d and 29th; Windsor, on 29th, large and brilliant; Pekin, on 1st, 2d and 26th; Hoopeston, on 2d and 5th; Sterling, on 10th.

### PARHELIA.

Flora, on 11th.

### PARASELENES.

Jacksonville, on 5th, 29th and 30th; North Caledonia, on 1st, 2d, 3d, 5th and 28th.

## MISCELLANEOUS PHENOMENA.

### RED SUNSETS.

Lanark, on 19th, 20th and 21st; Pontiac, on 2d, 14th, 17th and 18th; Jacksonville, on 31st, and Pekin, on 2d, 11th and 13th.

### METEORS.

Waukegan, on 22d, and Pekin, on 8th.

### LUNAR CORONA.

Cairo, on 28th.

### FOG.

Hoopeston, on 7th, and Minonk on 6th.

### FROST.

Belvidere, light, on 18th, Fairview, on 1st, 7th, 18th, 26th and 27th; Martinsville, light, on 6th and 28th, and Centralia, on 4th, 5th, 10th, 11th, 12th, 13th, 15th, 22d and 23d.



## MIRAGE.

Lake Forest, on 15th.

## SUN SPOTS.

Mr. John W. James, Observer at Riley, McHenry county, reports as follows: "On May 3d saw an unusually large spot near the sun's E. limb; it was on the sun's meridian 7th, when it had a diameter of 37,800 miles; disappeared by solar rotation 13th, but had entirely vanished when due again on E. limb. On the 16th and 17th a large group of spots broke out on sun's W. quadrant, disappearing by solar rotation 22d. This group was estimated 118,000 miles long and  $\frac{1}{4}$  to  $\frac{1}{3}$  as broad, 2 large and 21 small spots in it. No spots seen after 23d."

## NEW OBSERVERS.

The Department desires to secure the assistance of an observer for each county in the State. There are doubtless parties in the counties not represented in this report by observers, who are giving attention to the science of meteorology. The attention of all interested in having the meteorological history of each county in the State preserved in the Monthly Weather Review of the Department, is invited to the importance of this work and an earnest invitation is extended to all to aid in completing the meteorological records of the State.

The services of observers are desired in the following counties and the residents thereof are respectfully requested to aid the Department in selecting persons likely to be interested in this work:

Calhoun, DeWitt, Jefferson, Menard, Moultrie, Schuyler and Union.

## SPECIAL BULLETIN FOR MAY.

SIGNAL OFFICE, WAR DEPARTMENT,

WASHINGTON CITY, June 1, 1887.

For the month of May, 1887, the average temperature is very generally above the normal for the month of May. The greatest departures above are from 3° to 4° in the Missouri Valley; from 3° to 6° in the upper Mississippi valley; from 2° to 6° in the Ohio Valley; from 2° to 8° in Michigan; 6° in southern and western Minnesota; 5° to 6° in Pennsylvania; 4° in southeastern New York; 8° in western New York; and 5° at Red Bluff, Cal.

The average temperature is below the normal 1° for Sacramento, Cal., and Jacksonville, Fla.; 2° for Key West, Fla., and Savannah, Ga.; 3° for Brownsville, Tex.; 9° for Olympia, Wash. It is normal for Charleston, S. C.; Mobile, Ala.; New Orleans, La.; Galveston, Rio Grande City, Fort Davis, and El Paso, Tex.; Duluth, Minn.; and San Francisco, Cal.

The rainfall for May, 1887, is generally below the average for the month of May; from 0.6 to 1.9 inches in New England; from 0.0 to 2.4 inches in the middle Atlantic states; from 0.7 to 1.9 inches over the interior of the south Atlantic states; 1.2 inches at Key West, Fla.; from 1.2 to 2.1 inches in western Florida, Alabama, northern and southern portions of Mississippi, and southeast portion of Louisiana; from 0.2 to 2.7 inches in western portions of Tennessee and Kentucky; from 0.1 to 1.9 inches in northwest portions of Pennsylvania and New York; from 0.0 to 2.2 inches in Indiana and western Ohio; from 0.4 to 1.7 inches in lower Michigan; from 1.6 to 3.2 inches in the upper Mississippi valley, excepting at Saint Louis; from 0.3 (Fort Buford, Dak.) to 3.6 inches (Omaha, Neb.) in the Missouri Valley; 0.3 inch in southwestern Kansas; 2.4 inches in central Nebraska; from 0.2 to 1.8 inches in north-

western Colorado; from 0.3 to 0.8 inches in western Texas; from 0.0 in southern California to 0.6 inch at Sacramento, and 0.3 inch at Roseburg, Oregon:

It is above the average in western Washington Territory 3.2 inches; 2.4 inches in north-western Oregon; 1.4 inches at Helena, Mont., and Saint Vincent, Minn.; 1.2 inches at Duluth, Minn.; 7.1 inches at Marquette, Mich.; from 0.2 to 0.7 inch in southern and eastern Texas, northwestern Louisiana, central Arkansas, and Memphis, Tenn.; 1.3 inches at Saint Louis, Mo.; 0.2 inch at Cleveland, Ohio; 3.0 inches at Pittsburg, Pa.; 0.3 inch at Lynchburg, Va.; from 1.2 to 2.6 inches in eastern Tennessee; 1.4 inches at Wilmington, N. C.; and 3.1 inches at Jacksonville, Fla.

For the spring months (March, April, and May) the average temperature is very generally above the normal; from normal to  $2^{\circ}$  in the Pacific states; from  $3^{\circ}$  to  $5^{\circ}$  in Utah, Wyoming, and Colorado; from  $3^{\circ}$  to  $4^{\circ}$  in the Missouri Valley; from  $1^{\circ}$  to  $4^{\circ}$  in the upper and central Mississippi Valleys; from normal to  $1^{\circ}$  in the upper lake region and Ohio Valley; from  $1^{\circ}$  to  $3^{\circ}$  in Tennessee, Arkansas, and northern portions of Georgia, Alabama, Mississippi, and Louisiana; and  $5^{\circ}$  at Lynchburg, Va. It is below the normal from  $1^{\circ}$  to  $2^{\circ}$  for New England, eastern and northern New York, the south Atlantic coast, and southern and central Texas;  $3^{\circ}$  for Key West, Fla.

The rainfall for the spring months is above the average 3.9 inches at Olympia, Wash.; 5.8 inches at Portland, Oregon; 0.5 inch at Fort Custer, Mont.; from 0.1 to 1.5 inches in southwestern Kansas and southeastern Colorado; about 1.0 inch in extreme southern Texas; 1.5 inches at Duluth, Minn.; 7.6 inches at Marquette, Mich.; 2.9 inches at Saint Louis, Mo.; 1.3 inches at Cincinnati, Ohio; 3.2 inches at Pittsburg, Pa.; 1.8 inches at Portland, Me.; 4.0 inches at Jacksonville, Fla. Elsewhere it is very generally below the average, and varies from 0.3 inch in southern California to 4.0 inches in northern California; from 1.0 to 7.0 inches in the Missouri Valley; from 2.0 to 5.0 inches in the upper Mississippi Valley, except at Saint Louis; from 2.0 to 7.0 inches in the upper lake region, excepting along Lake Superior; from 0.2 to 4.0 inches along the lower lake region; from 0.6 to 3.0 inches in New England, excepting Portland; from 1.0 to 4.0 inches in the middle Atlantic states; from 0.8 to 8.0 inches in North and South Carolina; from 4.0 inches in eastern Texas to 12.0 inches in Alabama and northern Georgia; from 2.0 to 7.0 inches in Tennessee and Arkansas.

The storm-centre which on April 29th and 30th advanced southeastward down the Missouri Valley, passed northeastward on May 1st and 2d over Minnesota into Canada, accompanied by rain, high winds, and gales from Dakota, Nebraska, and Kansas to the upper lakes.

On the 7th quite a severe storm reached the coast of Washington Territory and northern Oregon and passed to the northeastward.

A slight depression developed on the coast of Georgia on the morning of the 31st, and moved northeastward to eastern North Carolina, preceded by rainy weather and easterly gales from North Carolina to New Jersey.

A. W. GREELY,

*Chief Signal Officer.*



## REMARKS.

## METEOROLOGICAL OBSERVERS.

## MONTH OF MAY, 1887.

ALEXANDER COUNTY—C. L. BOZZELL, Corporal, Signal Corps, U. S. Army, Cairo. Highest actual barometer, 29.880, on the 3d; lowest, 29.330, on the 31st; range, 0.550; mean, 29.605. Highest temperature, 86°.6, on the 9th; lowest, 52°.9, on the 7th; range, 33°.7; greatest daily range, 24°.6; least daily, 5°.5; mean daily, 16°.3. The mean temperature of the month, 70°.1, was 2°.1 above the May normal for the past sixteen years. The precipitation, 1.37 inches, was 2.58 inches below the May normal for the past sixteen years, falling on seventeen days, viz: 2d to 6th, 10th to 13th, 17th, 18th, 19th, 22d, 23d, 26th and 31st. Mean dew-point, 63°.3. Mean relative humidity, 74 per cent. Prevailing direction of the wind, N. and S.; total movement, 4,162 miles; maximum velocity, 41 miles per hour, S., on the 2d. There were 5 clear, 18 fair and 8 cloudy days. Thunderstorms on the 1st, 2d, 3d, 4th, 10th, 12th, 13th, 16th, 22d, 23d, 26th and 31st. Lunar halo on the 1st. Lunar corona on 28th. Highest river, 39.3 feet on 2d; lowest, 17.6 on 31st; range 21.7.

BOONE COUNTY—E. L. LAWRENCE, Observer, Belvidere. Highest temperature, 91°, on the 21st; lowest, 45°, on the 18th; range, 46°. The mean temperature of the month was 64°.7. The precipitation was 2.88 inches, and fell on six days, viz: 5th, 22d, 23d, 29th, 30th and 31st. Prevailing direction of the wind, S. W.; maximum force, 4; S. W. on the 2d. There were 15 clear, 11 fair and 5 cloudy days. Thunderstorms on the 15th and 22d. Light frost on the 18th. Lunar halo on the 3d. Hail on 22d. The thunderstorm of the 22d was not general; some parts of the county are now suffering for rain.

BUREAU COUNTY—EZRA STETSON, Observer, Neponset. Highest temperature, 89°, on the 9th and 21st; lowest, 44°, on the 25th; range, 45°; greatest daily range, 39°, on the 1st; least daily, 4°, on the 2d. The

precipitation was 1.21 inches, and fell on six days, viz: 5th, 6th, 17th, 22d, 29th and 31st. Prevailing direction of the wind, S. E.; maximum velocity, high, S. E. and S. W., on the 1st and 2d. There were 11 clear, 17 fair and 3 cloudy days. The total precipitation at this place from June 1, 1886, to June 1, 1887, has been 22.49 inches, which is just about one-half of our usual rainfall. Of the 5.58-inch fall in last February, the ground took but a moiety, the earth being frozen. As a consequence, we are very dry. Grass and small grain have suffered terribly. Small fruit in scant supply, and apples will be next to none.

CARROLL COUNTY—GEO. L. BEELER, Observer, Lanark. Highest temperature, 87°, on the 21st; lowest, 43°, on the 3d; range, 44°. The mean temperature of the month was 68°.4. The precipitation was 1.89 inches, and fell on eight days, viz: 5th, 10th, 11th, 15th, 21st, 22d, 29th and 30th. Prevailing direction of the wind, S. E.; maximum force, 4, S. W., on the 2d. There were 14 clear, 10 fair and 7 cloudy days. Thunderstorms on the 10th and 15th. Solar halo on the 4th, 9 a.m. to 11:30 a.m. (very bright). Rainbows on 1st, 11th, 15th. Red sunsets on 19th, 20th and 21st. (From observations taken at 6 a.m., 12 m., and 6 p.m.)

CHAMPAIGN COUNTY—HUBERT A. BERR, Observer, Philo. Highest barometer, 30.36, on the 3d; lowest, 29.75, on the 30th; range, 0.61; mean, 30.05. Highest temperature, 94°, on the 21st; lowest, 46°, on the 28th; range, 48°; mean maximum, 78°.0; mean minimum, 62°.0; greatest daily range, 32°, on the 28th; least daily, 7°, on the 23d; mean daily, 16°. The mean temperature of the month, 70°.0, was 5°.7 above the May normal for the past three years. The precipitation, 5.00 inches, was 1.02 inches above the May normal for the past three years, falling on ten days, viz: 3d, 4th, 5th, 6th, 17th, 21st, 22d, 23d, 30th and 31st. Prevailing direction



of the wind, S.E.: maximum velocity, 20 miles per hour, S.W., on the 22d. There were 17 clear, 9 fair and 5 cloudy days. Thunderstorms on the 4th, 17th, 21st, 22d and 30th. The thunderstorms of the 22d and 30th were accompanied by bright electrical displays. Light hail on the 24th. Rainbows on the 5th, 6th, 11th and 30th.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Highest temperature, 82°, on the 14th; lowest, 46°, on the 3d; range, 36°. The mean temperature of the month, 65°.7, was 1°.9 above the May normal for the past three years. The precipitation, 6.50 inches, was 1.71 inches above the May normal for the past five years, falling on eight days, viz: 2d, 3d, 4th, 5th, 21st, 22d, 30th and 31st. Prevailing direction of the wind, S.E.; maximum velocity, high. There were 13 clear, 13 fair and 5 cloudy days. Thunderstorms on the 2d, 3d, 4th, 5th, 12th, 21st, 29th and 31st.

**CLARK COUNTY**—J. B. SHEAPLEY, Observer, Martinsville. Highest actual barometer, 29.60, on the 15th; lowest, 29.03, on the 31st; range, 0.57; mean, 29.337. Highest temperature, 93°, on the 8th; lowest, 50°, on the 6th; range, 43°. The mean temperature of the month was 73°.7. The precipitation was 5.65 inches, and fell on ten days, viz: 2d, 3d, 4th, 5th, 6th, 12th, 17th, 21st, 29th and 30th. Prevailing direction of the wind, W. There were 16 cloudy days. Thunderstorms were frequent. Light frost on the 6th and 28th—no damage. The month has been very seasonable, having showers interspersed frequently at very favorable times. The past week was rather wet but the warm clear weather following made the planting favorable, and the warm showers have made the oats and wheat look fine.

**CLAY COUNTY** L. A. MICHELS, Observer, Flora. Highest temperature, 85°, on the 1st and 21st; lowest, 47°, on the 28th; range, 38°; mean maximum, 78°.0; mean minimum, 55°.0; greatest daily range, 32°, on the 9th; least daily, 12°, on the 5th; mean daily, 23°.0. The mean temperature of the month, 66°.0, was 0°.2 below the May normal for the past two years. The precipitation, 3.51 inches, was 1.13 inches above the May normal for the past two years, falling on ten days, viz: 2d, 3d, 4th, 5th, 6th, 10th, 17th, 22d, 23d and 30th. Prevailing direction of the wind, N.E. There were 16 clear, 5 fair and 10 cloudy days. Thunderstorms on the 3d, 4th, 5th, 6th, 10th and 22d. Lunar halo on the 29th. Very severe gale from S.W. at 10.15 A.M. on 2d. Thunder on other dates than above, but no storm. Parhelion on 11th.

**CLINTON COUNTY**—WM. ROGAN, Observer, Irishtown. Highest temperature, 90°, on the 15th; lowest, 54°, on the 3d; range, 36°; greatest daily range, 25°, on the 8th; least daily, 4°, on the 5th. The mean temperature of the month, 70°.0, was 1°.2 above the May normal for the past two years. The precipitation, 4.03 inches, was 0.66 of an inch above the May normal for the past two years, falling on fourteen days, viz: 2d, 3d, 4th, 5th, 6th, 10th, 11th, 13th, 15th, 16th, 17th, 23d, 30th and 31st. Prevailing direction of the wind, S. There were 10 clear, 12 fair and 9 cloudy days. Thunderstorms on the 2d, 10th and 21st.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Highest temperature, 91°, on the

21st; lowest, 50°, on the 18th; range, 41°. The mean temperature of the month, 66°.0, was 3°.1 above the May normal for the past eight years. The precipitation, 4.72 inches, was 0.34 of an inch below the May normal for the past eight years, falling on fourteen days, viz: 1st to 6th, 12th, 17th, 21st to 25th, 30th and 31st. Prevailing direction of the wind, E.; maximum velocity, gale, S.W., on the 2d. There were 16 clear, 10 fair and 5 cloudy days. Thunderstorms on the 1st, 2d, 4th, 12th, 16th, 21st, 22d, 23d, 24th, 29th and 31st. A good crop month—unusually early.

**COOK COUNTY**—ALLEN BUELL, Sergeant, Signal Corps, U. S. Army, Chicago. Highest barometer, 30.27, on the 15th; lowest, 29.58, on the 30th; range, 0.69; mean, 29.96. Highest temperature, 85°.7, on the 20th; lowest, 42°.3, on the 6th; range, 43°.4; greatest daily range, 32° 9; least daily, 7°.2; mean daily, 17°.7. The mean temperature of the month, 59°.4, was 2°.6 above the May normal for the past seventeen years. The precipitation, 1.38 inches, was 2.12 inches below the May normal for the past seventeen years, falling on nine days, viz: 1st, 5th, 11th, 17th, 21st, 22d, 23d, 30th and 31st. Mean dew-point, 47°.9. Mean relative humidity, 68 per cent. Prevailing direction of the wind, N.E.; total movement, 6,915 miles; maximum velocity, 44 miles per hour, S.W., on the 2d. There were 15 clear, 8 fair and 8 cloudy days.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Highest temperature, 88°, on the 16th and 22d; lowest, 56°, on the 6th; range, 32°; greatest daily range, 24°, on the 12th; least daily, 6°, on the 2d, 17th and 18th; mean daily, 12°.9. The mean temperature of the month, 71°.8, was 7°.6 above the May normal for the past five years. The precipitation, 5.30 inches, was 1.46 inches above the May normal for the past five years, falling on ten days, viz: 4th, 5th, 6th, 12th, 16th, 17th, 21st, 25th, 29th and 30th. Prevailing direction of the wind, S. and S.E. There were 18 clear, 8 fair and 5 cloudy days. Thunderstorms on the 12th, 21st and 30th. Lunar halo on the 2d.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature, 91°, on the 21st; lowest, 38°, on the 4th; range, 53°; greatest daily range, 25°.8, on the 21st; least daily, 4°.2, on the 5th; mean daily, 19°.5. The mean temperature of the month, 63°.5, was 4°.9 above the May normal for the past seven years. The precipitation, 0.95 of an inch, was 2.75 inches below the May normal for the past seven years, falling on eight days, viz: 5th, 17th, 21st, 22d, 23d, 29th, 30th and 31st. Prevailing direction of the wind, S.E.; maximum velocity, 35 miles per hour, S.W., on the 2d. There were 14 clear, 11 fair and 6 cloudy days. Thunderstorms on the 15th, 21st, 22d and 23d. Lunar halo on the 2d.

**EDGAR COUNTY**—WILBUR T. COOK, Observer, Paris. Highest temperature, 84°, on the 14th, 15th and 16th; lowest, 52°, on the 3d and 5th; range, 32°. The mean temperature of the month was 64°.7. The precipitation was 5.03 inches, and fell on twelve days, viz: 1st to 6th, 11th, 17th, 21st, 23d, 30th and 31st. Prevailing direction of the wind, N.E.; maximum velocity, high, S.W., on the 1st and 2d. There were 17 clear, 5 fair and 9 cloudy days. Thunderstorms on the 1st, 2d, 4th, 11th, 17th, 21st, 23d, 30th and 31st. Hail on 21st and 31st. Lunar halo on the 29th.



**EDWARDS COUNTY**—B. F. MICHELS, Observer, Albion. Highest temperature, 95°, on the 22d; lowest, 52°, on the 28th; range, 43°; greatest daily range, 28°, on the 1st; least daily, 6°, on the 17th. The mean temperature of the month was 69°.7. The precipitation was 2.08 inches, and fell on four days, viz: 4th, 6th, 10th and 22d. Prevailing direction of the wind, S; maximum velocity, brisk. There were 19 clear, 2 fair and 10 cloudy days. Thunderstorms on the 4th, 10th and 22d. Lunar halos on the 1st and 2d.

**FAYETTE COUNTY**—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.38 on the 3d; lowest, 29.66, on the 1st; range, 0.72; mean, 30.030. Highest temperature, 88°, on the 14th; lowest, 52°, on the 28th; range, 36°; mean maximum, 80°.0; mean minimum, 59°.0; greatest daily range, 30°, on the 29th; least daily, 7°, on the 2d; mean daily, 21°.0. The mean temperature of the month was 70°.8. The precipitation was 2.91 inches, and fell on nine days, viz: 2d, 3d, 4th, 5th, 10th, 12th, 16th, 21st and 22d. Prevailing direction of the wind, N. There were 13 clear, 9 fair and 9 cloudy days. Thunderstorms on the 2d, 4th, 10th, 12th and 22d. Hail on 22d.

**FORD COUNTY**—FR. DIENELT, Observer, Melvin. Highest temperature, 85°, on the 14th; lowest, 48°, on the 3d; range, 37°; greatest daily range, 21°.6, on the 15th; least daily, 4°, on the 23d; mean daily, 14°.0. The mean temperature of the month, 65°.0, was 1°.6 above the May normal for the past two years. The precipitation, 2.70 inches, was 0.88 of an inch below the May normal for the past two years, falling on six days, viz: 3d, 4th, 5th, 17th, 22d and 31st. Prevailing direction of the wind, S; maximum velocity, 40 miles per hour. There were 16 clear, 7 fair and 8 cloudy days. Thunderstorms on the 1st, 4th, 5th, 11th, 21st, 22d and 23d.

**FRANKLIN COUNTY**—JOHN MCPHERSON, Observer, Benton. Highest temperature, 96°, on the 22d; lowest, 59°, on the 3d; range, 37°. The precipitation was 1.95 inches, and fell on five days, viz: 3d, 5th, 13th, 17th and 30th. Prevailing direction of the wind, S.W. There were 16 clear, 13 fair and 2 cloudy days. Thunderstorms on the 2d, 10th and 13th. Hail on 4th. There was a hurricane passed over this county from west to east on the forenoon of 2d that was singularly fatal—killing two men and injuring others. The destruction of property was small.

**FULTON COUNTY**—MARY C. BENNETT, Observer, Fairview. Highest actual barometer, 29.40, on the 3d, 10th and 15th; lowest, 28.80, on the 6th, 30th and 31st; range, 0.60. Highest temperature, 80°, on the 12th; lowest, 40°, on the 3d; range, 40°. The precipitation was 3.30 inches, and fell on seven days, viz: 5th, 10th, 13th, 17th, 22d, 30th and 31st. Prevailing direction of the wind, N.E. There were 16 clear, 3 fair and 12 cloudy days. Thunderstorm on the 10th. Light frost on the 1st, 7th, 18th, 26th and 27th.

**GALLATIN COUNTY**—C. J. LEMEN, Observer, Shawneetown. Highest actual barometer, 29.500, on the 8th; lowest, 28.300, on the 1st; mean, 28.901. Highest temperature, 90°, on the 20th; lowest, 59°, on the 6th; range, 31°; mean maximum, 80°.9; mean minimum, 68°.8; greatest daily range, 19°, on the 4th; least daily, 5°, on the 11th; mean

daily, 12°.1. The mean temperature of the month was 74°.1. The precipitation was 2.87 inches, and fell on eight days, viz: 3d, 5th, 6th, 17th, 22d, 27th and 31st. Prevailing direction of the wind, N.W. There were 13 clear, 5 fair and 13 cloudy days. Thunderstorms on the 4th, 10th, 11th, 16th and 30th. Lunar rainbow on the 30th.

**GREENE COUNTY**—P. J. BATES, Observer, White Hall. Highest temperature, 84°, on the 15th and 21st; lowest, 52°, on the 3d; range, 32°; greatest daily range, 22°, on the 15th; least daily, 2°, on the 2d and 31st. The mean temperature of the month, 70°.8, was 3°.8 above the May normal for the past three years. The precipitation, 4.41 inches, was 0.02 of an inch above the May normal for the past three years, falling on ten days, viz: 3d, 4th, 5th, 6th, 10th, 16th, 17th, 22d, 30th and 31st. Prevailing direction of the wind, N.W. and S.E. There were 14 clear, 12 fair and 5 cloudy days. Thunder on the 1st, 3d, 4th, 5th, 10th, 15th, 16th, 21st, 22d and 29th.

**HAMILTON COUNTY**—W. P. GIBBS, Observer, McLeansboro. Highest temperature, 90°, on the 9th and 22d; lowest, 50°, on the 7th; range, 43°; greatest daily range, 33°, on the 29th; least daily, 8°, on the 5th; mean daily, 22°.3. The mean temperature of the month, 69°.9, was 5°.9 above the May normal for the past six years. The precipitation, 3.35 inches, was 0.83 of an inch below the May normal for the past six years, falling on nine days, viz: 3d, 4th, 5th, 6th, 10th, 15th, 17th, 22d and 30th. Prevailing direction of the wind, N.W.; maximum force, 5, S.W., on the 2d and 4th. There were 6 clear, 20 fair and 5 cloudy days. Thunderstorms on the 2d, 3d, 4th, 10th, 12th, 13th, 15th, 16th, 21st, 22d, 23d, 26th, 30th and 31st. Solar halo on the 30th.

**HANCOCK COUNTY**—FRED Z. GOSEWISCH, Sergeant, Signal Corps, U. S. Army, Keokuk, Iowa. Highest actual barometer, 29.614, on the 3d; lowest, 28.824, on the 1st; range, 0.790; mean, 29.308. Highest temperature, 88°.6, on the 1st; lowest, 47°.9, on the 31st; range, 40°.7; greatest daily range, 28°.5, on the 1st; least daily, 8°.1, on the 16th; mean daily, 19°.0. The mean temperature of the month, 66°.5, was 3°.0 above the May normal for the past sixteen years. The precipitation, 2.54 inches, was 1.46 inches below the May normal for the past sixteen years, falling on thirteen days, viz: 4th, 5th, 10th, 13th, 15th, 16th, 17th, 21st, 22d, 26th, 29th, 30th and 31st. Mean dew-point, 53°.9. Mean relative humidity, 66 per cent. Prevailing direction of the wind, S.; total movement, 5,305 miles; maximum velocity, 50 miles per hour, S.E., on the 1st. There were 12 clear, 14 fair and 5 cloudy days.

**HENDERSON COUNTY**—R. HODSON, Observer, Oquawka. Highest temperature, 98°, on the 9th; lowest, 52°, on the 6th; range, 46°; greatest daily range, 34°, on the 28th; least daily, 6°, on the 2d. Prevailing direction of the wind, S.E. There were 19 clear, 9 fair and 3 cloudy days.

**IROQUOIS COUNTY**—HENRY UPSALL, Observer, Watseka. Highest barometer, 30.283, on the 3d; lowest, 29.601, on the 30th; range, 0.682; mean, 29.979. Highest temperature, 91°.8, on the 20th; lowest, 42°.0, on the 18th; range, 49°.8; mean maximum, 78°.4; mean minimum, 49°.3; greatest daily range, 40°.2,



on the 19th; least daily, 8°.5, on the 31st; mean daily, 25°.9. The mean temperature of the month, 61°.5, was 0°.9 above the May normal for the past three years. The precipitation, 1.95 inches, was 1.71 inches below the May normal for the past two years, falling on eight days, viz: 5th, 11th, 17th, 21st, 22d, 29th, 30th and 31st. Mean dew-point, 55°.7. Mean relative humidity, 75 per cent. Prevailing direction of the wind, S.; total movement, 4,536 miles; maximum velocity, 40 miles per hour, W., on the 2d. There were 19 clear, 4 fair and 9 cloudy days. Thunderstorms on the 5th, 11th, 21st, 22d and 29th.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.210, on the 3d; lowest, 29.552, on the 30th; range, 0.758; mean, 29.921. Highest temperature, 92°, on the 21st; lowest, 40°, on the 4th and 5th; range, 52°; mean maximum, 79°.4; mean minimum, 51°.7; greatest daily range, 38°, on the 19th; least daily, 9°, on the 2d; mean daily, 27°.2. The mean temperature of the month, 64°.8, was 3°.7 above the May normal for the past eight years. The precipitation, 3.02 inches, was 1.33 inches below the May normal for the past eight years, falling on nine days, viz: 5th, 16th, 17th, 21st, 22d, 23d, 29th, 30th and 31st. Mean relative humidity, 71 per cent. Prevailing direction of the wind, N.E.; maximum velocity, 35 miles per hour, N.E., on the 5th. There were 7 clear, 15 fair and 9 cloudy days. Thunderstorms on the 22d and 23d. Lunar halo on the 3d.

**KANKAKEE COUNTY**—H. M. BANNISTER, Observer, Kankakee. Highest actual barometer, 30.089, on the 4th; lowest, 29.421, on the 31st; range, 0.668. Highest temperature, 90°, on the 9th and 14th; lowest, 50°, on the 3d, 6th, 18th and 27th; range, 40°; mean maximum, 79°.3; mean minimum, 60°.6; greatest daily range, 30°, on the 6th and 18th; least daily, 6°, on the 30th; mean daily, 18°.7. The mean temperature of the month was 66°.3. The precipitation was 1.93 inches, and fell on four days, viz: 5th, 22d, 29th and 31st. Prevailing direction of the wind, S. There were 10 clear, 11 fair and 10 cloudy days. Thunderstorms on the 22d and 29th. Distant lightning and thunder on several other days.

**KNOX COUNTY**—T. A. WETMORE, Observer, Oneida. Highest temperature, 92°, on the 9th; lowest, 50°, on the 3d and 5th; range, 42°; greatest daily range, 22°, on the 2d; least daily, 6°, on the 31st; mean daily, 17°.3. The mean temperature of the month, 68°.6, was 4°.5 above the May normal for the past three years. The precipitation, 3.60 inches, was 1.17 inches below the May normal for the past three years, falling on ten days, viz: 4th, 5th, 15th, 17th, 21st, 22d, 23d, 29th, 30th and 31st. Prevailing direction of the wind, S. There were 14 clear, 8 fair and 9 cloudy days. Thunderstorms on the 1st, 12th, 14th, 15th, 21st and 22d. During a thunderstorm on afternoon of 12th, 3 horses were killed by lightning.

**LAKE COUNTY**—L. R. F. GRIFFIN, Observer, Lake Forest. Highest actual barometer, 30.113, on the 4th; lowest, 29.324, on the 30th; range, 0.689; mean, 29.471. Highest temperature, 85°.5, on the 21st; lowest, 45°, on the 5th; range, 40°.5; greatest daily range, 28°, on the 29th; least daily, 6°, on the 17th; mean daily, 17°.0. The mean temperature of the month, 60°.4, was 1°.6 above the May normal for the

past two years. The precipitation, 2.01 inches, was 1.02 inches below the May normal for the past two years, falling on nine days, viz: 5th, 11th, 12th, 17th, 22d, 23d, 24th, 30th and 31st. Mean dew-point, 51°.3. Mean relative humidity, 70 per cent. Prevailing direction of the wind, W.; maximum velocity, 50 miles per hour, S.W., on the 2d. There were 8 clear, 13 fair and 10 cloudy days. Thunderstorms on the 11th, 21st, 22d and 23d. Lunar halo on the 2d. Mirage on the 15th.

**LAKE COUNTY**—J. M. G. CARTER, M. D., Observer, Waukegan. Highest barometer, 30.598, on the 15th; lowest, 29.757, on the 30th; range, 0.841; mean, 30.195. Highest temperature, 81°, on the 29th; lowest, 41°, on the 18th; range, 40°; mean maximum, 67°.3; mean minimum, 49°.7; greatest daily range, 32°, on the 29th; least daily, 5°, on the 5th; mean daily, 17°.6. The mean temperature of the month, 58°.2, was 3°.5 above the May normal for the past two years. The precipitation, 2.91 inches, was 0.57 of an inch below the May normal for the past two years, falling on seven days, viz: 5th, 21st, 22d, 23d, 29th, 30th and 31st. Prevailing direction of the wind, N.E. There were 18 clear, 5 fair and 8 cloudy days. Thunderstorm on the 23d. Hail on 23d. Aurora on 25th. Lunar halos on the 1st and 2d. Meteor on 22d.

**LASALLE COUNTY**—J. O. HARRIS, Observer, Ottawa. Highest temperature, 89°, on the 14th and 21st; lowest, 48°, on the 5th; range, 41°; mean maximum, 78°.0; mean minimum, 60°.4; greatest daily range, 26°, on the 14th; least daily, 11°, on the 31st. The mean temperature of the month was 65°.4. The precipitation, 1.08 inches, was 3.52 inches below the May normal for the past six years, falling on eight days, viz: 4th, 5th, 16th, 21st, 22d, 29th, 30th and 31st. Prevailing direction of the wind, S.E.; maximum force, 4; S.W. on the 1st and 2d. There were 17 clear, 7 fair and 7 cloudy days. Thunderstorms on the 21st and 22d.

**LAWRENCE COUNTY**—J. A. FYFFE, Observer, Sumner. Highest temperature, 90°, on the 16th; lowest, 56°, on the 31st; range, 34°. The mean temperature of the month, 70°.9, was 1°.5 above the May normal for the past two years. The precipitation, 3.70 inches, was 0.48 of an inch above the May normal for the past two years, falling on eight days, viz: 5th, 6th, 12th, 17th, 21st, 30th and 31st. Prevailing direction of the wind, S.E.; maximum force, 5, on the 16th. There were 18 clear, 9 fair and 4 cloudy days. Solar halo on the 16th.

**LIVINGSTON COUNTY**—ISAAC YOUNG, Observer, Pontiac. Highest temperature, 90°, on the 15th; lowest, 38°, on the 18th; range, 52°; greatest daily range, 42°, on the 19th; least daily, 2°, on the 2d. The mean temperature of the month was 64°.9. The precipitation was 1.15 inches, and fell on eight days, viz: 3d, 5th, 17th, 21st, 22d, 23d, 30th and 31st. Prevailing direction of the wind, S. and S. E. There were 13 clear, 10 fair and 8 cloudy days. Thunderstorms on the 5th, 21st and 23d. Lunar halo on the 2d. Red sunrise 9th, 15th and 18th. Red sunset on 2d, 14th, 17th and 18th.

**LOGAN COUNTY**—L. H. SULLIVAN, Observer, Beason. (Observations began on the 4th.) Highest temperature, 95°, on the 21st; lowest, 52°, on the 4th and 31st; range, 43°.



The mean temperature of the month was 71°.0. Rain fell on five days, viz: 4th, 5th, 22d, 30th and 31st. Prevailing direction of the wind, S. E. There were 11 clear, 11 fair and 6 cloudy days. Thunderstorm on the 22d at 6.40 P. M.

**MACON COUNTY**—N. M. BAKER, Observer, Decatur. Highest barometer 29.70, on the 3d; lowest, 29.08, on the 30th; range, 0.62. Highest temperature, 86°, on the 14th and 15th; lowest, 46°, on the 3d; range, 40°.

**MACOUPIN COUNTY**—A. C. GISH, Observer, Virden. Highest temperature, 86°, on the 8th, 9th, 14th, 15th, 19th, 21st and 22d; lowest, 50°, on the 25th; range, 36°. Prevailing direction of the wind, E. There were 16 clear, 13 fair and 2 cloudy days. Rain fell on the 1st, 3d, 5th, 10th, 13th, 16th, 21st, 23d, 30th and 31st. Hail on the 10th.

**MADISON COUNTY**—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 85°, on the 22d; lowest, 51°, on the 3d; range, 34°; mean maximum, 76°.3, mean minimum, 58°.2; greatest daily range, 28°, on the 8th; least daily, 7°, on the 17th; mean daily, 19°.1. The mean temperature of the month, 67°.7, was 7°.1 above the May normal for the past eight years. The precipitation, 5.26 inches, was 1.73 inches above the May normal for the past five years, falling on eleven days, viz: 2d, 3d, 4th, 5th, 10th, 15th, 16th, 17th, 22d, 27th and 31st. Prevailing direction of the wind, S. There were 22 clear, 5 fair and 4 cloudy days. Thunderstorms on the 2d, 3d, 4th, 5th, 10th, 15th, 16th, 17th and 29th.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Highest temperature, 94°, on the 20th; lowest, 53°, on the 4th; range, 37°; mean maximum, 73°; mean minimum, 55°; greatest daily range, 28°, on the 29th; least daily, 4°, on the 5th; mean daily, 20° 0. The mean temperature of the month was 70°.0. The precipitation was 2.57 inches, and fell on eight days, viz: 2d, 3d, 4th, 5th, 10th, 22d, 24th and 31st. Prevailing direction of the wind S.E.; maximum force, 3, on the 1st, 2d and 3d. There were 13 clear, 2 fair and 13 cloudy days. Frost on the 4th, 5th, 10th, 11th, 12th, 13th, 15th, 23d and 24th. (Three days I was absent; no observations were taken.)

**MARSHALL COUNTY**—A. C. PRICE, Observer, Lacon. Highest actual barometer, 29.83, on the 3d and 15th; lowest, 29.05, on the 2d; range, 0.78; mean, 29.650. Highest temperature, 94°, on the 9th and 14th; lowest, 53°, on the 18th; range, 41°; mean 68°.2; mean maximum, 79°.0; mean minimum, 57°.0; greatest daily range, 28°, on the 19th; least daily, 5°, on the 23d; mean daily, 23°. Rain fell on eight days, viz: 1st, 5th, 17th, 21st, 22d, 23d, 30th and 31st. There were fourteen clear, 8 fair and 9 cloudy days. Thunderstorms on the 1st, 9th, 10th, 14th, 21st, 22d, 29th and 31st.

**MASON COUNTY**—J. F. CULP, Observer, Mason City. Highest actual barometer, 29.88, on the 3d; lowest, 29.18, on the 1st; range, 0.70. Highest temperature, 93°, on the 22d; lowest, 52°, on the 3d; range, 41°. Prevailing direction of the wind, W. There were 8 clear, 11 fair and 12 cloudy days. Hail fell on 13th at 4 P.M., accompanied by heavy rain; stones about ½ inch in diameter.

**MCHEMRY COUNTY**—JOHN W. JAMES, Observer, Riley. Highest temperature, 86°.5, on the 20th; lowest, 40°.5, on the 18th; range, 46°; greatest daily range, 34°, on the 18th; least daily, 5°, on the 5th. The mean temperature of the month, 62°.9, was 5°.4 above the May normal for past twenty-seven years. The precipitation, 0.95 of an inch, was 2.31 inches below the May normal for the past twenty-seven years, falling on nine days, viz: 5th, 15th, 16th, 17th, 22d, 23d, 29th, 30th and 31st. Prevailing direction of the wind, E.; maximum force, 7, S.W. on the 2d. There were 6 clear, 8 fair and 7 cloudy days. Solar halos on the 16th and 29th. Lunar halos on the 2d, 3d and 30th. In 26 years, May of 1870, 1880 and 1881 were alone warmer, and May of 1870 and 1877 drier. No frost this May; only so before in 1868, 1873 and 1880. The mean temperature of the spring, 46°.2, was 2°.6 above the normal, and the total precipitation, 3.51 inches, was 5.15 inches below the normal for 26 springs past, and it has been the driest spring I have ever recorded, by 2.85 inches less than in 1863, which was the driest previously recorded. Winds for the spring, N., N.E., E., S.E., S., S.W., N.W., Calms, 28, 42, 37, 15, 31, 42, 28, 41 and 12 respectively. On May 3d saw an unusually large spot near the sun's E. limb; it was on the sun's meridian 7th, when it had a diameter of 37,800 miles; disappeared by solar rotation 13th, but had entirely vanished when due again on E. limb. On the 16th and 17th a large group of spots broke out on sun's W. quadrant, disappearing by solar rotation 22d. This group was estimated 118,000 miles long and ¼ to ½ as broad, 2 large and 21 small spots in it. No spots seen after 23d.

**MERCER COUNTY**—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 91°, on the 9th; lowest, 44°, on the 3d; range, 47°. The precipitation, 1.68 inches, was 2.52 inches below the May normal for the past thirteen years, falling on nine days, viz: 1st, 5th, 10th, 14th, 15th, 17th, 22d, 23d and 31st. Prevailing direction of the wind, S.E.

**MORGAN COUNTY**—PHILIP J. HASENSTAB, Observer, Deaf and Dumb Institution, Jacksonville. Highest barometer, 30.253, on the 3d; lowest, 29.507, on the 1st; range, 0.746; mean, 29.919. Highest temperature, 85°.5, on the 9th; lowest, 50°.7, on the 18th; range, 34°.8; mean maximum, 76°.4; mean minimum, 59°.0; greatest daily range, 24°.9, on the 28th; least daily, 8°.2, on the 16th; mean daily, 17°.4. The mean temperature of the month was 67°.7. The precipitation was 2.96 inches and fell on eleven days, viz: 3d, 4th, 5th, 6th, 10th, 16th, 17th, 21st, 22d, 30th and 31st. Mean dew-point, 59°.8. Mean relative humidity, 76 per cent. Prevailing direction of the wind, S.E.; total movement, 4,080 miles; maximum velocity, 28 miles per hour, S.W., on the 2d. There were 14 clear, 13 fair and 4 cloudy days. Thunderstorms on the 1st, 21st and 22d. Solar halos on the 2d, 3d and 4th. Lunar halos on the 1st, 3d and 28th. Paraselene on the 5th, 29th and 31st. Red sunset on the 18th and 19th. Rainbow—no rain before, on the 31st. On the 21st lightning struck the tallest in a row of elm trees in town and ran all its length down into the ground, leaving a streak or rent behind.

**OGLE COUNTY**—WILLIAM FEARY, Observer, Mt. Morris. Highest temperature, 90°, on the 9th; lowest, 35°, on the 4th; range, 35°; greatest daily range, 36°, on the 18th;



least daily, 5°, on the 5th; mean daily, 22°.8. The mean temperature of the month was 68°.0. Rain fell on six days, viz: 3d, 10th, 14th, 15th, 23d and 30th. Prevailing direction of the wind, E.; maximum force, 4. There were 14 clear, 7 fair and 10 cloudy days. Thunderstorms on the 14th, 15th and 23d. Lunar halos on the 2d, 3d and 4th. Wind-storm on the 21st at 5 p.m. Rainbow on the 30th.

**PEORIA COUNTY.**—FRED BRENDDEL, Observer, Peoria. Highest actual barometer, 29.821, on the 3d; lowest, 29.132, on the 1st; range, 0.689; mean, 29.541. Highest temperature, 93°, on the 14th; lowest, 48°, on the 4th; range, 45°; mean maximum, 81°.8; mean minimum, 58°.6; greatest daily range, 33°, on the 28th; least daily, 11°, on the 23d; mean daily, 23°.2. The mean temperature of the month, 71°.1. was 6°.6 above the normal for the past thirty-two years. The precipitation, 1.24 inches, was 2.45 inches below the normal for the past thirty-two years, falling on nine days, viz: 1st, 4th, 5th, 16th, 22d, 23d, 29th and 30th. Mean dew-point, 55°.4. Mean relative humidity, 59 per cent. Prevailing direction of the wind, E.; maximum velocity, high, S. W. on the 21st. There were 17 clear, 8 fair and 6 cloudy days. Thunderstorms on the 1st, 21st and 22d.

**PERRY COUNTY.**—WM. B. ANDERSON, Observer, Three Mile Prairie. Highest temperature, 88°, on the 15th and 22d; lowest, 51°, on the 31st, range, 37°. The mean temperature of the month was 68°.6. The precipitation was 3.29 inches, and fell on seven days, viz: 1st, 4th, 5th, 6th, 13th, 22d and 30th. Prevailing direction of the wind, S. W. There were 13 clear, 12 fair and 6 cloudy days.

**PIKE COUNTY.**—L. EASTMAN, Observer, Griggsville. Highest barometer, 30.200, on the 8th; lowest, 29.550, on the 22d; range, 0.650; mean, 29.901. Highest temperature, 89°, on the 9th; lowest, 48°, on the 25th; range, 41°; mean maximum, 79°.4; mean minimum, 58°.2; greatest daily range, 30°, on the 14th; least daily, 6°, on the 5th; mean daily, 21°.2. The mean temperature of the month was 64°.7. The precipitation, 2.89 inches, was 0.83 of an inch below the May normal for the past six years, falling on twelve days, viz: 4th, 5th, 6th, 10th, 13th, 16th, 17th, 21st, 22d, 27th, 29th, 30th and 31st. Prevailing direction of the wind, N. W. There were 11 clear, 7 fair and 13 cloudy days. Thunderstorms on the 15th and 22d.

**PIKE COUNTY.**—M. J. HASSLER, Observer, Louisiana, Mo. Highest temperature, 92°, on the 1st; lowest, 46°, on the 7th; range, 46°; mean maximum, 79°.2; mean minimum, 55°.2; greatest daily range, 35°, on the 20th; least daily, 2°, on the 2d; mean daily, 24°.0. The mean temperature of the month, 67°.2, was 3°.1 above the May normal for the past two years. The precipitation, 3.15 inches, was 0.21 of an inch above the May normal for the past two years, falling on ten days, viz: 4th, 5th, 10th, 15th, 16th, 21st, 22d, 26th, 29th and 31st. Thunderstorms on the 1st, 5th, 9th, 10th, 15th, 21st, 22d, 26th and 29th. Wheat crop good; harvest will begin June 10th to 15th. Oats and corn look fine. Fruit will only give 25 per cent. of an average crop.

**POPE COUNTY.**—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 90°,

on the 1st; lowest, 59°, on the 27th; range, 31°; greatest daily range, 22°, on the 1st; least daily, 5°, on the 6th; mean daily, 12°.9. The mean temperature of the month, 71°.9, was 3°.8 above the May normal for the past nine years. The precipitation, 2.00 inches, was 2.86 inches below the May normal for the past nine years, falling on ten days, viz: 2d, 3d, 4th, 5th, 6th, 13th, 17th, 21st, 30th and 31st. Prevailing direction of the wind, W; maximum velocity, 15 to 24 miles per hour, S. W. on the 20th. There were 9 clear, 14 fair and 8 cloudy days. Thunderstorms on the 4th, 10th, 11th, 13th, 17th, 26th and 30th. Lunar halo on the 28th.

**PULASKI COUNTY.**—H. S. BLANCHARD, Observer, North Caledonia. Highest temperature, 88°, on the 15th and 22d; lowest, 57°, on the 3d and 6th; range, 31°. The mean temperature of the month was 72°.2. The precipitation was 0.80 of an inch and fell on nine days, viz: 2d, 3d, 4th, 5th, 6th, 10th, 17th, 26th and 31st. Prevailing direction of the wind, N. W.; maximum force, 7, S. W. on the 31st. There were 6 clear, 14 fair and 11 cloudy days. Thunder on 2d, 3d, 4th, 10th, 11th, 12th, 13th, 14th, 16th, 23d, 26th and 31st. Lunar halos on the 1st and 28th. Paraselenes on the 1st, 2d, 3d, 5th and 28th. May of this year was distinguished for equable high temperature, light winds, and little rainfall, though thunder and cloudiness were frequent. Dews were frequent and vegetation, though of slow growth, looks strong and promising.

**PUTNAM COUNTY.**—A. T. PURVIANCE, Observer, Hennepin. Highest temperature, 93°, on the 10th; lowest, 42°, on the 18th and 19th; range, 51°; mean maximum, 82°.8; mean minimum, 49°.7; greatest daily range, 42°, on the 29th; least daily, 16°, on the 6th; mean daily, 33°.1. The mean temperature of the month was 66°.2. The precipitation was 1.53 inches and fell on six days, viz: 5th, 14th, 17th, 22d, 29th and 31st. Prevailing direction of the wind, S. There were 10 clear, 12 fair and 9 cloudy days. Thunderstorm on the 15th.

**RANDOLPH COUNTY.**—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature, 93°, on the 15th; lowest, 52°, on the 4th; range, 41°; mean maximum, 81°.0; mean minimum, 65°.5; greatest daily range, 26°, on the 7th and 8th; least daily, 4°, on the 17th; mean daily, 15°.3. The mean temperature of the month was 71°.0. The precipitation was 4.49 inches, and fell on thirteen days, viz: 2d, 3d, 4th, 5th, 10th, 11th, 15th, 16th, 17th, 22d, 23d, 30th and 31st. Prevailing direction of the wind, S. E.; maximum velocity, strong gale, on the 4th. There were 12 clear, 13 fair and 6 cloudy days. Thunderstorms on the 1st, 2d, 3d, 4th, 5th, 11th, 13th, 15th, 16th, 22d and 26th. Red sunrise on the 10th and 18th.

**RICHLAND COUNTY.**—CHAS. H. FAHS, Observer, Olney. The precipitation was 4.44 inches, and fell on eight days, viz: 2d, 3d, 4th, 5th, 21st, 22d, 23d, 30th and 31st. Prevailing direction of the wind, S. There were 15 clear, 10 fair and 6 cloudy days. Thunder and lightning whenever it rained. Lunar halos on the 1st, 2d and 31st.

**ROCK ISLAND COUNTY.**—R. R. MARTIN, Sergeant, Signal Corps, U. S. Army, Davenport, Iowa. Highest actual barometer, 29.61, on the 3d; lowest, 28.84, on the 1st; range,



0.77; mean, 29.307. Highest temperature, 90°, on the 9th; lowest, 44°.2, on the 3d; range, 45°.8; greatest daily range, 27°.6, on the 9th; least daily, 10°.9, on the 31st; mean daily, 20°.7. The mean temperature of the month, 67°.1, was 5°.4 above the May normal for the past sixteen years. The precipitation, 1.76 inches, was 2.33 inches below the May normal for the past sixteen years, falling on twelve days, viz: 1st, 2d, 5th, 10th, 12th, 14th, 15th, 22d, 23d, 29th, 30th and 31st. Mean dew-point, 51°.3. Mean relative humidity, 60 per cent. Prevailing direction of the wind, N. E.; total movement, 5,396 miles; maximum velocity, 40 miles per hour, S. W. on the 2d. There were 11 clear, 14 fair and 6 cloudy days. Thunderstorms on the 1st, 2d, 10th, 12th, 13th, 14th, 15th, 21st, 22d and 29th. Lunar halos on the 2d and 3d.

**SANGAMON COUNTY**—JOHN CRAIG, Sergeant, Signal Corps, U. S. Army, Springfield. Highest barometer, 30.289, on the 3d; lowest, 29.598, on the 1st; range, 0.691; mean, 29.977. Highest temperature, 86°, on the 9th and 21st; lowest, 48°.3, on the 3d; range, 37°.7; greatest daily range, 29°.4, on the 28th; least daily, 10°.6, on the 16th; mean daily, 20°.4. The mean temperature of the month, 67°.2, was 3°.1 above the May normal for the past eight years. The precipitation, 1.92 inches, was 2.81 inches below the May normal for the past eight years, falling on eleven days, viz: 2d, 3d, 4th, 5th, 13th, 17th, 22d, 23d, 29th, 30th and 31st. Mean dew-point, 55°.5. Mean relative humidity, 68 per cent. Prevailing direction of the wind, S.; total movement, 5,154 miles; maximum velocity, 28 miles per hour, S., on the 2d. There were 13 clear, 9 fair and 9 cloudy days. Solar halos on the 15th and 29th. Lunar halos on the 3d and 29th.

**SHELBY COUNTY**—A. H. HATCH, Observer, Windsor. Highest barometer, 30.277, on the 3d; lowest, 29.634, on the 1st; range, 0.643; mean, 29.990. Highest temperature, 91°.5, on the 14th; lowest, 47°.0 on the 28th; range, 44°.5; mean maximum, 78°.0; mean minimum, 57°.9; greatest daily range, 38°.0, on the 28th; least daily, 10°.0, on the 17th; mean daily, 20°.2. The mean temperature of the month, 69°.9, was 2°.5 above the May normal for the past two years. The precipitation, 4.25 inches, was 0.64 of an inch below the May normal for the past two years, falling on twelve days, viz: 1st to 5th, 12th, 16th, 20th, 22d, 24th, 30th and 31st. Mean dew-point, 60°.6. Mean relative humidity, 72 per cent. Prevailing direction of the wind, S. E.; total movement, 4,477 miles; maximum velocity, 48 miles per hour, W., on the 2d. There were 8 clear, 10 fair and 13 cloudy days. Thunderstorms on the 1st, 2d, 3d, 4th, 5th, 12th, 21st, 22d, 29th and 30th. Lunar halo on the 29th, large and brilliant. A bright aurora on 22d; faint one on the 25th.

**STARK COUNTY**—EDWIN BUTLER, Observer, Toulon. Highest temperature, 86°, on the 14th; lowest, 42°, on the 25th; range, 44°; greatest daily range, 31°, on the 7th; least daily, 8°, on the 2d, 5th and 15th. The mean temperature of the month was 60°.5. The precipitation was 1.00 inch, and fell on six days, viz: 1st, 4th, 5th, 16th, 22d and 29th. Prevailing direction of the wind, W.; maximum velocity, gale, S. W., on the 2d. There were 11 clear, 16 fair and 4 cloudy days.

**ST. CLAIR COUNTY**—DR. G. LEIBROCK, Observer, Mascoutah. Highest tempera-

ture, 90°, on the 10th; lowest, 46°, on the 3d; range, 44°. The precipitation was 3.80 inches and fell on nine days, viz: 2d, 3d, 5th, 6th, 10th, 15th, 16th, 17th and 31st. Thunderstorms on the 2d, 4th, 5th, 10th, 11th, 12th, 15th, 16th, 17th, 22d, 30th and 31st.

**ST. CLAIR COUNTY**—D. B. NOTSON, Sergeant, Signal Corps, U. S. Army, St. Louis, Mo. Highest actual barometer, 29.69, on the 3d; lowest, 28.99, on the 1st; range, 0.70; mean, 29.370. Highest temperature, 89°, on the 22d; lowest, 51°.1, on the 4th; range, 37°.9; greatest daily range, 22°.8, on the 22d; least daily, 5°.0, on the 5th; mean daily, 15°.4. The mean temperature of the month, 71°.4, was 4°.0 above the May normal for the past seventeen years. The precipitation, 5.27 inches, was 1.22 inches above the May normal for the past seventeen years, falling on fifteen days, viz: 2d, 3d, 4th, 5th, 6th, 10th, 11th, 15th, 16th, 17th, 22d, 23d, 27th, 29th, 30th and 31st. Mean dew-point, 56°.9. Mean relative humidity, 62 per cent. Prevailing direction of the wind, S.; total movement, 4,674 miles; maximum velocity, 28 miles per hour, S. W. and N., on the 2d and 22d. There were 10 clear, 12 fair and 9 cloudy days.

**STEPHENSON COUNTY**—JOHN WRIGHT, Observer, Cedarville. Highest temperature, 89°, on the 1st; lowest, 46°, on the 3d; range, 43°. The mean temperature of the month, 65°.4, was 2°.8 above the May normal for the past two years. The precipitation, 1.13 inches, was 0.81 of an inch below the May normal for the past two years, falling on three days, viz: 10th, 15th and 29th. Prevailing direction of the wind, S. E.; maximum velocity, gale, S. & S. W., on the 1st and 2d. There were 12 clear, 11 fair and 8 cloudy days. Thunderstorms on the 1st, 12th, 22d and 29th. Hail on the 1st and 10th.

**VERMILION COUNTY**—CHAS. H. TREGO, Observer, Hoopeston. Highest actual barometer, 29.650, on the 4th; lowest, 28.920, on the 1st; range, 0.730; mean, 29.217. Highest temperature, 92°, on the 21st; lowest, 38°, on the 1st; range, 54°; greatest daily range, 48°, on the 1st; least daily, 10°, on the 3d. The mean temperature of the month was 68°.1. The precipitation was 2.62 inches, and fell on fourteen days, viz: 3d, 4th, 6th, 7th, 10th, 11th, 17th, 21st, 22d, 23d, 24th, 29th, 30th and 31st. Prevailing direction of the wind, S. and N. E. There were 17 clear, 8 fair and 6 cloudy days. Lunar halos on the 2d and 5th. Fog on 7th.

**WABASH COUNTY**—JAMES POOL, Observer, Mt. Carmel. The precipitation, 4.29 inches, was 1.33 inches above the May normal for the past four years, falling on ten days, viz: 5th, 6th, 7th, 10th, 13th, 14th, 17th, 21st, 30th, 31st. Prevailing direction of the wind, N. E. There were 9 clear, 13 fair and 9 cloudy days.

**WASHINGTON COUNTY**—A. G. TUCKER, Observer, Richview. Highest barometer, 30.273, on the 3d; lowest, 29.589, on the 1st; range, 0.684; mean, 29.920. Highest temperature, 85°.5, on the 15th; lowest, 51°.4, on the 3d; range, 34°.1; mean maximum, 76°.6; mean minimum, 58°.9; greatest daily range, 29°.6, on the 1st; least daily, 3°.5, on the 5th; mean daily, 16°.7. The mean temperature of the month, 68°.1, was 0°.1 above the May normal for the past two years. The precipi-



tation, 3.18 inches, was 0.44 of an inch below the May normal for the past two years, falling on eleven days, viz: 1st to 5th, 15th, 17th, 22d, 23d, 30th and 31st. Mean dew-point, 61°.4. Mean relative humidity, 79 per cent. Prevailing direction of the wind, N.W.; maximum force, 3, S. and S. E. on the 1st. There were 13 clear, 4 fair and 14 cloudy days. Thunderstorms on the 1st, 2d, 3d, 4th, 5th, 10th, 11th, 13th, 15th, 16th, 22d and 23d. Hail on 22d. Solar halos on the 15th, 16th and 26th.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature, 92°, on the 1st; lowest, 56°, on the 7th; range, 36°; greatest daily range, 26°, on the 7th; least daily, 4°, on the 2d. The mean temperature of the month was 69°.0. The precipitation was 5.33 inches, and fell on nine days, viz: 2d, 3d, 4th, 5th, 6th, 11th, 17th, 22d and 30th. Prevailing direction of the wind, S. There were 13 clear, 9 fair and 9 cloudy days. Thunderstorms on the 4th. (with hail, strong wind and heavy rain), 17th (house struck by lightning; one person severely injured and several others shocked) and 22d. Hail on 4th, 11th and 30th—no damage to vegetation.

WHITESIDE COUNTY—MAUDE ALEXANDER, Observer, Sterling. (Observations taken at 7 A.M. and 7 P.M. only.) Highest temperature, 82°, on the 8th and 21st; lowest, 47°, on the 5th; range, 35°; greatest daily range, 16°, on the 2d; least daily, 3°, on the 9th. The mean temperature of the month was 58°.4. The precipitation was 1.08 inches and fell on four days, viz: 3d, 8th, 21st and 29th. Prevailing direction of the wind, S.W. Thunderstorm on the 10th. Have had unusually warm and dry weather for the month of May. The last few days have been much cooler than usual.

WILL COUNTY—ANNA B. NASH, Observer, Joliet. Highest temperature, 93°.9, on the 8th; lowest, 40°, on the 4th; range, 53°.9; mean maximum, 79°.4; mean minimum, 52°.3; greatest daily range, 40°.0, on the 1st. least daily, 6°.0, on the 5th; mean daily, 27° 1. The mean temperature of the month was 64°.3. The precipitation was 0.97 of an inch for the three days, viz: 29th, 30th and 31st; no record prior to those dates. Prevailing direction of the wind, E.; maximum velocity, high, S.W., on the 2d. There were 21 fair and 10 cloudy days.

WINNEBAGO COUNTY—JOHN W. BUDLONG, Observer, Rockford. (Barometer readings began on 10th.) Highest actual barometer, 29.960, on the 22d; lowest, 29.185, on the 28th; range, 0.775; mean, 29.450. Highest temperature, 87°, on the 21st; lowest, 44°, on the 3d; range, 43°; greatest daily range, 20°, on the 2d; least daily, 1°, on the 20th. The mean temperature of the month, was 64°.6. Rain fell on six days, viz: 14th, 21st, 22d, 23d, 29th and 31st. Prevailing direction of the wind, E. There were 13 clear, 7 fair and 11 cloudy days. Lunar halo on the 2d. Highest wind in twenty years on the 2d. There was an aurora on the 19th at 9.30 p.m.

WOODFORD COUNTY—CASSIUS C. ROGERS, Observer, Minonk. Highest temperature, 90°, on the 21st; lowest, 50°, on the 4th, 5th and 6th; range, 40°; mean maximum, 77°.7; mean minimum, 62°.4; greatest daily range, 26°, on the 1st; least daily, 2°, on the 30th; mean daily, 15°.4. The mean temperature of the month, 70°.0, was 1°.9 above the May normal for the past two years. The precipitation, 2.10 inches, was 1.06 inches below the May normal for the past two years, falling on seven days, viz: 1st, 3d, 5th, 16th, 21st, 26th and 30th. Prevailing direction of the wind, S. and E. There were 15 clear, 4 fair and 12 cloudy days. Thunderstorms on the 21st and 22d. Fog on the 6th.



# COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR ILLINOIS DURING MAY.

STATIONS.		MEAN TEMPERATURE, Deg. Fahrenheit.				PRECIPITATION, Inches and hundredths.			
		Normal.	No. of years.	May, 1887.	Departure + or -.	Normal.	No. of years.	May, 1887.	Departure + or -.
NORTHERN DIVISION.									
<i>County.</i>	<i>Place.</i>								
Lake.....	Lake Forest.....	58.8	2	60.4	+1.6	3.03	2	2.01	-1.02
Lake.....	Waukegan.....	54.7	2	58.2	+3.5	3.48	2	2.91	-0.57
McHenry.....	Riley.....	57.5	27	62.9	+5.4	3.26	27	0.95	-2.31
Stephenson.....	Cedarville.....	62.6	2	65.4	+2.8	1.94	2	1.13	-0.81
Cook.....	Chicago.....	56.8	17	59.4	+2.6	3.50	17	1.38	-2.12
Kane.....	Aurora.....	61.1	8	64.8	+3.7	4.35	8	3.02	-1.33
DeKalb.....	Sycamore.....	58.6	7	63.5	+4.9	3.70	7	0.95	-2.75
LaSalle.....	Ottawa.....					4.60	6	1.08	-3.52
Rock Island.....	Davenport, Iowa.....	61.7	16	67.1	+5.4	4.09	16	1.76	-2.33
Mercer.....	Aledo.....					4.20	13	1.68	-2.52
Woodford.....	Minonk.....	68.1	2	70.0	+1.9	3.16	2	2.10	-1.06
Peoria.....	Peoria.....	64.5	32	71.1	+6.6	3.69	32	1.24	-2.45
Knox.....	Oneida.....	64.1	3	68.6	+4.5	4.77	3	3.60	-1.17
Iroquois.....	Watscka.....	60.6	3	61.5	+0.9	3.66	2	1.95	-1.71
CENTRAL DIVISION.									
Ford.....	Melvin.....	63.4	2	65.0	+1.6	3.58	2	2.70	-0.88
Hancock.....	Keokuk, Iowa.....	63.5	16	66.5	+3.0	4.00	16	2.54	-1.46
Champaign.....	Philo.....	64.3	3	70.0	+5.7	3.98	3	5.00	+1.02
Sangamon.....	Springfield.....	64.1	8	67.2	+3.1	4.73	8	1.92	-2.81
Pike.....	Griggsville.....					3.72	6	2.89	-0.83
Pike.....	Louisiana, Mo.....	64.1	2	67.2	+3.1	2.94	2	3.15	+0.21
Coles.....	Mattoon.....	62.9	8	66.0	+3.1	5.06	8	4.72	-0.34
Christian.....	Pana.....	63.8	3	65.7	+1.9	4.79	5	6.50	+1.71
Shelby.....	Windsor.....	67.4	2	69.9	+2.5	4.89	2	4.25	-0.64
Greene.....	White Hall.....	67.0	3	70.8	+3.8	4.39	3	4.41	+0.02
SOUTHERN DIVISION.									
Crawford.....	Palestine.....	64.2	5	71.8	+7.6	3.84	5	5.30	+1.46
Lawrence.....	Sumner.....	69.4	2	70.9	+1.5	3.22	2	3.70	+0.48
Clay.....	Flora.....	66.2	2	66.0	-0.2	2.38	2	3.51	+1.13
Clinton.....	Carlyle.....	68.8	2	70.0	+1.2	3.37	3	4.03	+0.66
St. Clair.....	St. Louis, Mo.....	66.4	17	70.4	+4.0	4.05	17	5.27	+1.22
Wabash.....	Mt. Carmel.....					2.96	4	4.29	+1.33
Washington.....	Richview.....	68.0	2	68.1	+0.1	3.62	2	3.18	-0.44
Hamilton.....	McLeansboro.....	64.0	6	69.9	+5.9	4.18	6	3.35	-0.83
Pope.....	Galeonda.....	69.1	9	71.9	+2.8	4.86	9	2.00	-2.86
Alexander.....	Cairo.....	68.0	16	70.1	+2.1	3.95	16	1.37	-2.58

Summary of Meteorological Observations for the month of May,  
Service Observers. Hours of Observation: Voluntary—  
vice—7 A.M., 3 P.M. and 10

STATIONS.		AIR PRESSURE.					TEMPERATURE.				
		Highest..	Date.	Lowest.	Date.	Mean.	Absolute range.	Highest.	Date.	Lowest.	Date.
NORTHERN DIVISION.											
County.	Place.										
*Lake.....	Lake Forest..	30.113	4	29.324	30	29.471	0.689	85.5	21	45	5
Lake.....	Waukegan..	30.598	15	29.757	30	30.195	0.841	81	29	41	18
McHenry....	Riley .....							86.5	20	40.5	18
Boone.....	Belvidere .....							91	21	45	18
*Winnebago..	Rockford....	29.960	22	29.185	28	29.450	0.775	87	21	44	3
Stephenson..	Cedarville...							89	1	46	3
Cook.....	Chicago.....	30.270	15	29.580	30	29.960	0.690	85.7	20	42.3	6
Kane.....	Aurora.....	30.210	3	29.552	30	29.921	0.758	92	21	40	4, 5
DeKalb.....	Sycamore....							91	21	38	4
Ogle.....	Mt. Morris..							90	9	35	4
Carroll.....	Lanark.....							87	21	43	3
aWhiteside...	Sterling.....							82	8, 21	47	5
Will.....	Joliet.....							93.9	8	40	4
LaSalle.....	Ottawa.....							89	14, 21	48	5
Bureau.....	Neponset....							89	9, 21	44	25
Putnam.....	Hennepin....							93	10	42	18, 19
*Rock Island.	Davenport, Ia	29.610	3	28.840	1	29.307	0.770	90	9	44.2	3
cMercer.....	Aledo.....							91	9	44	3
*Kankakee...	Kankakee....	30.089	4	29.421	31		0.668	90	9 14	50	3, 6, 18, 27
Livingston..	Pontiac .....							90	15	38	18
*Marshall...	Lacon .....	29.830	3, 15	29.050	2	29.650	0.780	94	9, 14	53	18
Woodford...	Minonk .....							90	21	50	4, 5, 6
Stark.....	Toulon .....							86	14	42	25
*Peoria.....	Peoria .....	29.821	3	29.132	1	29.541	0.689	93	14	48	4
Knox.....	Oneida .....							92	9	50	3, 5
Henderson...	Oquawka....							98	9	52	6
Iroquois.....	Watseka....	30.283	3	29.601	30	29.979	0.682	91.8	20	42	18
Means.....						0.734					
CENTRAL DIVISION.											
Ford.....	Melvin.....							85	14	48	3
*bFulton.....	Fairview .....	29.400	3, 10, 15	28 800	6, 30, 31		0.600	80	12	40	3
*Hancock....	Keokuk, Ia..	29.614	3	28.824	1	29.308	0.790	88.6	1	47.9	31
*Vermilion...	Hoopeston..	29.650	4	28.920	1	29.217	0.730	92	21	38	1
Champaign..	Philo .....	30.360	3	29.750	30	30.050	0.610	94	21	46	28
Logan.....	Beason.....							95	21	52	4, 31
*Mason.....	Mason City..	29.880	3	29.180	1		0.700	93	22	52	3
*Macon.....	Decatur.....	29.700	3	29.080	30		0.620	86	14, 15	46	3
Edgar.....	Paris.....							84	14, 15, 16	52	3, 5
Sangamon...	Springfield..	30.289	3	29.598	1	29.977	0.691	86	9, 21	48.3	3
Morgan.....	Jacksonville.	30.253	3	29.507	1	29.919	0.746	85.5	9	50.7	18
Pike.....	Griggsville...	30.200	8	29.550	22	29.901	0.650	89	9	48	25
Pike.....	Louisiana, Mo.							92	1	46	7
Coles.....	Mattoon .....							91	21	50	18
Christian...	Pana .....							82	14	46	3
Shelby.....	Windsor.....	30.277	3	29.634	1	29.990	0.643	91.5	14	47	28
*Clark .....	Martinsville.	29.600	15	29.030	31	29.337	0.570	93	8	50	6
Macoupin..	Virden .....							86		50	25
Greene.....	White Hall...							84	15, 21	52	3
Means.....						0.668					



1887, made to the Department of Agriculture, by Voluntary and Signal  
7 A. M., 2 P. M. and 9 P. M., Local Time (Generally). Signal Ser-  
P. M., 75th Meridian Time.

TEMPERATURE.								No OF DAYS—				Total precipita- tion, inches.	Prevailing direc- tion of the wind.
Mean.	Absolute range.	Greatest daily range.	Date.	Least daily range.	Date.	Mean daily range.	Mean relative humidity.	Clear.	Fair.	Cloudy.	On which .01 inch or more precip. fell.		
60.4	40.5	28	29	6	17	17.0	70	8	13	10	9	2.01	W.
58.2	40	32	29	5	5	17.6	....	18	5	8	7	2.91	N.E.
62.9	46	24	18	5	5	....	....	16	8	7	9	0.95	E.
64.7	46	....	....	....	....	....	....	15	11	5	6	2.88	S.W.
61.6	43	....	....	....	....	....	....	13	7	11	6	....	E.
65.4	43	....	....	....	....	....	....	12	11	8	3	1.13	S.E.
59.4	43.4	32.9	....	7.2	....	17.7	68	15	8	8	9	1.38	N.E.
64.8	52	38	19	9	2	27.2	71	7	15	9	9	3.02	N.E.
63.5	53	25.8	21	4.2	5	19.5	....	14	11	6	8	0.95	S.E.
68.0	55	36	18	5	5	22.8	..	14	7	10	6	....	E.
68.4	44	....	....	....	....	....	....	14	10	7	8	1.89	S.E.
....	35	16	2	3	9	....	....	....	21	....	4	1.08	S.W.
64.3	53.9	40	1	6	5	27.1	....	....	....	10	6	....	E.
65.4	41	26	14	11	31	....	....	17	7	7	8	1.08	S.E.
....	45	39	1	4	2	....	....	11	17	3	6	1.21	S.E.
66.2	51	42	29	16	6	33.1	....	10	12	9	6	1.52	S.
67.1	45.8	27.6	9	10.9	31	20.7	60	11	14	6	12	1.76	N.E.
....	47	....	....	....	....	....	....	....	....	....	9	1.68	S.E.
66.3	40	30	6, 18	6	30	18.7	....	10	11	10	4	1.93	S.
64.9	52	42	19	2	2	....	....	13	10	8	8	1.15	S.&S.E.
68.2	51	28	19	5	23	23.0	....	14	8	9	8	....	....
70.0	40	26	1	2	30	15.4	....	15	4	12	7	2.10	S.&E.
....	44	31	7	8	2, 5, 15	....	....	13	16	4	6	1.00	W.
71.1	45	33	23	11	23	23.2	59	17	8	6	9	1.24	E.
68.6	42	22	2	6	31	17.3	..	14	8	9	10	3.60	S.
....	46	34	28	6	2	....	....	19	9	3	....	....	S.E.
61.5	50	40.2	19	8.5	31	25.9	75	19	4	9	8	1.95	S.
65.2	....	....	....	....	....	21.7	67	14	10	7	7	1.77	S.E.
65.0	37	21.6	15	4	23	14.0	....	16	7	8	6	2.70	S.
....	40	....	....	....	....	....	....	16	3	12	7	3.30	N.E.
66.5	40.7	28.5	1	8.1	16	19.0	66	12	14	5	13	2.54	S.
68.1	54	48	1	10	3	....	....	17	8	6	14	2.62	S.&N.E.
70.0	48	32	28	7	23	16.0	....	17	9	5	10	5.00	S.E.
71.0	43	....	....	....	....	....	....	11	11	6	5	....	S.E.
....	41	....	....	....	....	....	....	8	11	12	....	....	W.
....	40	....	....	....	....	....	....	....	....	....	....	....	....
64.7	32	....	....	....	....	....	....	17	5	9	12	5.03	N.E.
67.2	37.7	29.4	28	10.6	16	20.4	68	13	9	9	11	1.92	S.
67.7	34.8	24.9	28	8.2	16	17.4	76	14	13	4	11	2.96	S.E.
64.7	41	30	14	6	5	21.2	....	11	7	13	12	2.89	N.W.
67.2	45	35	20	2	2	24.0	....	....	....	....	10	3.15	....
66.0	41	....	....	....	....	....	....	16	10	5	14	4.72	E.
65.7	36	....	....	....	....	....	....	13	13	5	8	6.50	S.E.
69.9	44.5	38	28	10	17	20.2	72	8	10	13	12	4.25	S.E.
73.7	43	....	....	....	....	....	....	....	....	....	10	5.65	W.
....	36	....	....	....	....	....	....	16	13	2	....	....	E.
70.8	32	22	15	2	2, 31	....	....	14	12	5	10	4.41	N.W.&S.E.
67.9	....	....	....	....	....	19.0	70	14	10	7	11	3.84	S.E.

Summary of Meteorological Observations for the month of May,  
Service Observers. Hours of Observation: Voluntary—  
vice—7 A. M., 3 P. M. and 10

STATIONS.	AIR PRESSURE.						TEMPERATURE.			
	Highest.	Date.	Lowest.	Date.	Mean.	Absolute range.	Highest.	Date.	Lowest.	Date.
SOUTHERN DIVISION.										
Crawford....Palestine....							88	16, 22	56	6
Fayette.....Vandalia....	30.380		3 29.660		1 30.030	0.720	88	14	52	28
Madison.....Collinsville..							85	22	51	3
Lawrence...Sumner.....							90	16	56	31
b Richland ...Olney.....										
Clay.....Flora.....							85	1, 21	47	28
Marion.....Centralia....							94	20	53	4
Clinton.....Irishtown...							90	15	54	3
St. Clair.....Mascoutah..							90	10	46	3
*St. Clair ....St. Louis, Mo	29.690		3 28.990		1 39.370	0.700	89	22	51.1	4
Wabash.....Mt. Carmel.										
Edwards....Albion.....							95	22	52	28
c Wayne.....Fairfield							92	1	56	7
Washington .Richview ...	30.273		3 29.589		1 29.920	0.684	85.5	15	51.4	3
Hamilton...McLeansboro							93	9, 22	50	7
Franklin....Benton.....							96	22	59	3
Perry .. ...Three Mile							88	15, 22	51	31
Randolph .Jordan's Grove							93	15	52	4
*Gallatin....Shawneetown	29.500		8 28.300		1 28.901		90	20	59	6
Pope .. ...Golconda ..							90	1	59	27
Pulaski.....N. Caledonia							88	15, 22	57	3, 6
*Alexander ...Cairo .....	29.880		3 29.330		31 29.605	0.550	86.6	9	52.9	7
Means .....						0.664				
State Averages.....						0.694				

\* Barometer corrected for temperature and instrumental error only.  
a Observations made at 7 a. m. and 7 p. m. only.  
b Observations made at 7 a.m. and 9 p.m. only.  
c Observations made at 7 a.m. and 2 p.m. only.



1887, made to the Department of Agriculture, by Voluntary and Signal  
7 A. M., 2 P. M. and 9 P. M., Local Time (Generally). Signal Ser-  
P. M., 75th Meridian Time.—Continued.

TEMPERATURE.							Mean relative humidity.	No. of Days.				Total precipita- tion, inches.	Prevailing direc- tion of the wind.
Mean.	Absolute range.	Greatest daily range.	Date.	Least daily range.	Date.	Mean daily range.		Clear.	Fair.	Cloudy.	On which .01 inch or more precip. fell.		
71.8	32	24	12	6	2, 17, 18	12.9	....	18	8	5	10	5.30	S. E.
70.8	36	30	29	7	2	21.0	....	13	9	9	9	2.91	N.
67.7	34	28	8	7	17	19.1	....	22	5	4	11	5.26	S.
70.9	34	.....	.....	.....	.....	.....	.....	18	9	4	8	3.70	S. E.
.....	.....	.....	.....	.....	.....	.....	.....	15	10	6	8	4.44	S.
66.0	38	32	9	12	5	23.0	....	16	5	10	10	3.51	N. E.
70.0	37	28	29	4	5	20.0	....	13	2	13	8	2.57	S. E.
70.0	36	25	8	4	5	.....	....	10	12	9	14	4.03	S.
.....	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	3.80	.....
71.4	37.9	22.8	22	5.0	5	15.4	62	10	12	9	15	5.27	S.
.....	.....	.....	.....	.....	.....	.....	.....	9	13	9	10	4.29	N. E.
69.7	43	28	1	6	17	.....	.....	19	2	10	4	2.08	S.
69.0	36	26	7	4	2	.....	.....	13	9	9	9	5.33	S.
68.1	34.1	29.6	1	3.5	5	16.7	79	13	4	13	11	3.18	N. W.
69.9	43	33	29	8	5	22.3	....	6	20	5	9	3.35	N. W.
.....	37	.....	.....	.....	.....	.....	.....	16	13	2	5	1.95	S. W.
68.6	37	.....	.....	.....	.....	.....	.....	13	12	6	7	3.29	S. W.
71.0	41	26	7, 8	4	17	15.3	....	12	13	6	13	4.49	S. E.
.....	31	19	4	5	11	12.1	....	13	5	13	8	2.87	N. W.
71.9	31	22	1	5	6	12.6	....	9	14	8	10	2.00	W.
72.2	31	.....	.....	.....	.....	.....	.....	6	14	11	9	0.80	N. W.
70.1	33.7	24.6	.....	5.5	.....	16.3	74	5	18	8	17	1.37	N. & S.
69.9	.....	.....	.....	.....	.....	17.2	72	13	10	8	10	3.44	S.
67.4	.....	.....	.....	.....	.....	19.6	69	13	10	8	9	2.94	S. E.

METEOROLOGICAL REPORT.

MAY, 1887.

STATIONS.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
NORTHERN DIVISION.																																	
County.																																	
Lake Forest					.27	*						.06					.11					.17	.14	.47						.13	.66	2.01	
Lake Forest					.50						*						*					.90	.50							.10	.70	2.91	
McHenry					.16										.07		.06					.16	.19						.06	.13	.22	0.95	
Belvidere					.17					.06					.50							2.02	.30						.12	.03	.24	2.88	
Cedarville	*											*										*	*						.03			1.13	
Chicago	.06				.16					*							.17					.08	.05						*	.38	.44	1.38	
Aurora					.18												.17					.31	.49						.08	.04	.54	3.02	
Sycamore	*			*	.19										*		.20					.10	.09	.02					.02	.16	.17	0.95	
Lanark	*			*	.17					.13	.16		*		.97		.20					.10	.15						.20	.01		1.89	
Sterling					.10			.18									?					.60							.20			1.08	
Joliet																	?					?							.33	.42	.22	?	
Ottawa					.25												.19					.28							.07	.28	.09	1.08	
Neponset	*				.24	.02		*							*		.58				*	.12							.16	*		1.21	
Hennepin					.02									.30			.35					.20	.04						.30		.35	1.52	
Davenport	.01	.42		*	.19	.06				.63		.06	*	.06	.07		.05				*	.03	.04						.19	.01	.05	1.76	
Aledo	.06				.20					.83				.08	.13		*					.08	.19								.04	1.68	
Kankakee			*		.40																	.60							.13		.80	1.93	
Pontiac			.05	.20													.05				.27	.05	.23							.02	.28	2.10	
Minonk	*		*		.50											.20					.40	.55								.45		1.15	
Toulon				.10	.20												.35					.10								.10		1.00	
Peoria	.06			.30	.31									*			.25					.07	.05						.15	.10		1.24	
Oneida	*			.10	.40							*			.32	*	.62				.88	.10	.88						.10	.10	.10	3.60	
Watseka			*		.56						.08						.16				.03	.74							.05	.03	.30	1.95	
Mean																																1.77	
CENTRAL DIVISION.																																	
Melvin			.10		1.00					.138							.20				*	.60	*							*	.80	2.70	
Fairview	*				.25					.05						*	.12	*			*	1.12								*	.12	.19	3.30
Keokuk, Ia	*			.02	.36	*				.08		.67			.05	.03	.31				.06	.35							.48	.04	.06	2.54	
Hoopeston			*			.01	.05				.02						.37				.17	.55	*						*	.40	.60	2.62	
Philos			.24	.06	1.04	.06					.32						.27				.25	1.60	.38							.60	.50	5.00	
Paris	.11	.14	.04	.04	.85	.08										*	.17		*		.88	.15	.27	*						.78	1.35	5.03	
Springfield	*	.02	.29	.24	.62					.16		.02					.11				.37	.24	.06						.05	.10	.26	1.92	
Jacksonville			.16	.25	1.25	.01										.19	.12				.37	.24								.12	.10	2.96	





## METEOROLOGICAL REPORT.

ily and Monthly Mean Temperatures, in Degrees, Fahrenheit, reported to the Illinois Department of Agriculture, by Voluntary and Signal Service Observers for the month of May, 1887. (These means are deduced from the three observations taken by Voluntary Observers, generally, at 7 A. M., 2 P. M. and 9 P. M., Local Time, and by Signal Service Observers, at 7 A. M., 3 P. M. and 10 P. M., 75th Meridian Time.)

MAY, 1887.

STATIONS.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
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NORTHERN DIVISION.

County.	Place.																														
69	66	54	54	47	50	54	61	61	61	60	59	62	66	60	68	55	55	68	70	74	70	62	63	57	53	55	57	70	60	53	60
62	66	54	52	47	54	52	58	58	60	58	58	58	62	60	62	50	54	63	66	68	64	58	68	57	52	55	54	64	60	53	53
72	62	51	56	49	51	62	68	70	67	66	67	70	70	64	67	63	61	69	74	74	68	62	60	55	56	59	64	64	51	54	63
74	56	50	57	51	61	66	68	75	71	69	70	72	71	70	68	63	62	68	71	72	71	67	62	59	65	64	64	58	58	54	65
68	68	57	53	47	52	51	59	61	59	68	56	58	64	58	57	49	56	65	74	71	72	59	66	57	51	55	66	61	61	54	59
76	66	55	55	51	56	64	70	72	68	68	66	69	76	67	66	57	58	70	76	74	72	63	64	58	62	62	64	66	59	56	64
74	62	52	56	53	57	61	68	70	68	67	68	69	71	66	66	67	65	66	73	72	70	66	60	57	57	62	67	67	57	56	64
75	61	56	59	52	66	71	75	78	75	73	75	76	74	71	67	69	65	73	77	73	75	74	68	65	66	68	64	67	57	59	68
73	65	53	54	50	61	65	74	71	68	68	67	70	71	65	64	60	61	67	74	73	70	62	63	62	61	66	68	61	61	56	64
74	64	53	58	52	57	64	75	72	67	68	68	71	67	68	67	58	59	66	70	76	75	70	63	62	61	66	66	66	59	56	65
72	65	57	59	57	58	66	74	78	76	71	74	76	72	70	68	64	62	70	75	75	75	70	66	61	59	66	69	69	59	55	67
74	69	55	56	55	57	64	69	72	70	67	73	73	72	72	65	61	65	61	78	72	66	67	62	61	59	57	61	67	62	58	66
69	65	58	58	56	60	66	72	77	76	72	74	76	76	72	71	68	64	73	75	80	74	74	69	56	59	57	61	67	63	53	65
69	59	52	50	47	53	58	70	78	78	65	62	68	60	66	62	60	56	63	64	67	69	64	71	64	66	61	66	70	62	60	70
76	68	62	64	58	62	70	77	80	77	75	77	76	78	76	71	69	67	63	64	67	68	72	71	58	61	58	66	70	52	60	60
77	62	56	60	54	61	69	76	80	76	74	74	76	76	70	69	66	66	73	78	78	76	72	71	67	69	68	68	72	62	50	60
72	67	54	60	56	62	65	70	71	70	66	71	72	72	67	67	56	60	68	73	75	74	70	65	62	66	66	68	70	62	63	69
72	64	55	57	52	58	63	70	72	70	68	68	70	71	67	66	60	60	68	73	73	71	66	65	61	59	56	64	67	63	55	62
72	64	55	57	52	58	63	70	72	70	68	68	70	71	67	66	60	60	68	73	73	71	66	65	61	60	60	64	67	59	51	65

CENTRAL DIVISION.

69	64	54	59	55	61	66	70	73	69	70	70	73	73	68	67	59	64	70	75	72	70	71	65	65	61	62	60	67	57	56	65	
73	63	58	57	54	59	65	72	76	72	70	70	71	71	69	66	65	62	67	72	70	70	73	70	68	64	68	68	68	58	55	65	
73	67	55	63	57	61	61	68	75	68	68	74	76	80	81	74	65	62	74	78	72	72	75	67	62	67	63	68	68	55	56	66	
71	72	57	64	57	62	70	76	78	72	71	75	79	80	79	73	62	66	76	80	80	75	80	80	68	67	65	65	65	60	56	68	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
71	66	54	61	58	65	67	69	80	75	71	74	76	80	73	73	64	66	73	76	78	76	80	74	68	69	69	75	63	62	57	70	
72	65	56	61	57	58	64	69	72	72	67	70	72	73	72	68	63	71	70	74	66	74	70	70	69	65	62	63	68	60	57	68	
74	64	57	58	59	60	65	71	74	72	70	69	73	75	73	68	64	65	71	72	73	72	71	69	65	66	66	67	62	61	58	71	
77	64	58	57	60	61	66	73	76	73	68	71	74	73	70	68	67	65	71	73	72	71	70	69	69	66	66	67	69	61	58	68	
69	64	55	63	58	61	63	70	74	72	69	70	72	73	67	68	63	62	67	72	69	71	72	72	68	61	66	68	68	61	59	65	
70	62	50	58	54	51	60	70	71	70	68	64	70	71	65	66	62	62	70	72	72	72	70	68	61	60	61	62	69	61	59	66	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...



Shelby. .... Windsor ...	76	65	55	63	59	60	64	71	72	71	67	69	72	72	74	70	64	65	71	77	69	72	68	70	65	56	64	66	70	62	58	70
Greene. .... White Hall	74	69	56	62	59	65	66	74	78	72	72	72	76	76	74	72	68	69	71	77	76	73	74	74	71	72	70	72	66	64	71	
Means .....	72	65	55	61	57	60	65	71	75	71	69	71	74	72	70	69	64	64	71	74	72	70	69	69	64	65	65	66	61	58	68	
SOUTHERN DIVISION.																																
Crawford..... Palestine.	80	76	62	67	64	60	65	72	74	74	73	68	75	76	74	74	68	68	73	80	75	76	75	76	71	77	74	73	69	65	72	
Fayette..... Vandalia.	77	70	64	65	62	63	68	78	76	73	73	71	74	76	74	74	66	68	72	77	77	72	72	74	69	68	70	68	66	60	71	
Lawrence.....Summer	77	74	61	76	58	60	66	72	81	72	67	74	79	78	79	78	68	65	68	76	79	78	68	73	63	63	68	70	62	60	71	
Clay.....Flora	73	65	54	60	58	55	59	62	63	69	67	67	70	70	70	70	67	65	68	72	70	70	68	64	64	66	70	66	61	55	65	
Clinton.....Irishtown	77	70	59	64	61	63	66	72	75	71	73	73	74	76	75	73	66	68	75	76	74	74	72	73	70	69	70	66	73	58	70	
St. Clair.....St. Louis, Mo	78	72	58	61	60	61	69	75	78	73	71	74	77	77	74	73	67	68	74	77	78	76	73	77	74	73	71	71	69	62	71	
Edwards.....Albion	73	73	61	67	59	60	64	73	75	66	71	72	77	77	78	74	66	66	74	76	72	72	74	74	71	68	70	64	68	60	70	
Washington.....Richview	75	68	56	63	57	59	65	71	74	69	72	71	74	74	73	71	64	66	70	72	72	74	70	71	68	68	68	65	68	60	68	
Hamilton.. McLeansboro	78	74	64	64	60	60	57	72	77	70	71	71	73	74	74	73	71	70	71	73	74	74	72	72	71	66	70	66	67	60	70	
Perry .....Three Mile	76	64	56	66	56	57	65	70	69	70	69	70	72	72	74	76	65	65	69	73	76	67	67	75	66	68	72	67	66	62	68	
Randolph. Jordan's Grove	75	64	60	62	6	60	68	76	76	75	72	76	77	77	78	75	66	70	73	76	77	72	73	74	73	70	69	68	68	60	71	
Gallatin... Shawneetown	81	77	64	76	63	63	67	77	78	78	75	72	78	80	78	78	77	70	76	..	79	81	78	79	72	..	73	70	73	67	74	
Pope.....Golconda	78	74	63	66	58	59	68	74	78	72	73	74	76	78	78	75	70	68	75	78	76	72	74	74	73	68	69	71	68	64	72	
Pulaski.....N. Caledonia	79	72	62	66	60	62	68	76	78	70	74	74	78	78	76	76	69	68	74	78	77	74	76	76	73	70	74	72	72	67	72	
Alexander.....Cairo	78	72	60	66	58	62	66	74	75	66	70	72	71	75	76	73	68	66	71	74	74	72	73	73	73	72	72	71	69	60	70	
Means.....	77	71	60	66	60	60	65	73	75	71	72	72	76	76	76	74	68	67	73	76	75	72	74	74	70	69	70	69	61	61	70	
State averages.....	74	66	57	61	56	59	64	71	74	71	70	70	74	74	72	70	64	64	71	74	73	69	69	69	65	65	66	66	62	58	67	

COMPARATIVE METEOROLOGICAL DATA FOR ILLINOIS DURING MAY.

Nature of Data.	1882.	1883.	1884.	1885.	1886.	1887.
Highest temperature, degrees .....	90.....	91.....	89.....	92.....	94.....	98.....
Lowest .....	27.....	29.....	24.....	28.....	32.....	35.....
Mean .....	58.1.....	57.9.....	50.4.....	60.7.....	64.8.....	67.4.....
Range of .....	63.....	62.....	65.....	64.....	62.....	63.....
Greatest daily range of temp.deg	27.5.....	.....	41.....	42.....	42.....	48.....
Least .....	2.5.....	.....	1.....	0.....	1.....	2.....
Mean .....	14.9.....	.....	16.4.....	17.7.....	17.9.....	19.6.....
Mean relative humidity, per cent..	72.....	69.....	65.....	67.....	71.....	69.....
Average number of clear days....	6.....	.....	9.....	7.....	14.....	13.....
Average number of fair days....	11.....	.....	14.....	17.....	10.....	10.....
Average number of cloudy days ..	14.....	.....	8.....	7.....	7.....	8.....
Average number of days on which .01 inch or more precip. fell....	14.....	13.....	9.....	8.....	13.....	9.....
Greatest monthly precipitation, in	10.92.....	8.55.....	5.30.....	6.33.....	8.15.....	6.50.....
Least monthly precipitation, in.	2.95.....	2.09.....	0.20.....	1.37.....	1.00.....	0.80.....
Average monthly precipitation, in.	6.48.....	5.81.....	2.89.....	2.95.....	4.12.....	2.94.....
Prevailing direction of wind.....	S.E.....	S.W.....	N.E. & N.W.....	N.W.....	S.W.....	S.E.....



# WEATHER AND TEMPERATURE SIGNALS


THE FOLLOWING CIRCULAR HAS BEEN ISSUED BY THE CHIEF SIGNAL OFFICER OF THE ARMY  
AT WASHINGTON CITY.

*With a view of securing a uniform system of signals it is recommended that flags now in use be replaced by those herein described as the former become worn out or unserviceable.*

The Chief Signal Officer furnishes, when practicable, for the benefit of the general public and those industries dependent to a great extent upon weather conditions, the "Indications," which are prepared at this office daily, at 1 a. m., for the twenty-four hours commencing at 7 a. m. These weather forecasts are telegraphed to many Signal Service stations, railway officials, and others, and are so worded as to be readily communicated to the public by means of flags or symbols. The flags adopted for this purpose are four in number and of the form and dimensions indicated below:


### INTERPRETATION OF SIGNALS.

No. 1.  
White Flag.



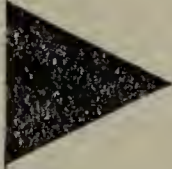
Clear or fair weather.

No. 2.  
Blue Flag.




Rain or snow.

No. 3.  
Black Triangular Flag.




Temperature signal.

No. 4.  
White Flag with black square in centre.




Cold wave.


### DISPLAYED FROM POLES.




Fair weather.  
Colder.



Warmer.  
Rain or snow.

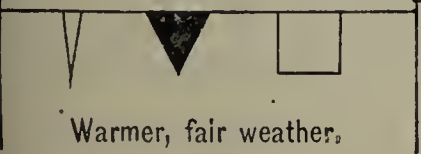


Warmer, fair weather,  
followed by rain or snow.

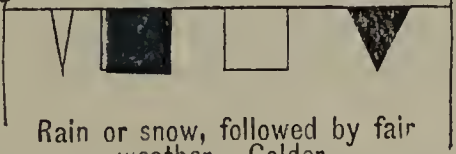


Fair weather.  
Cold wave.

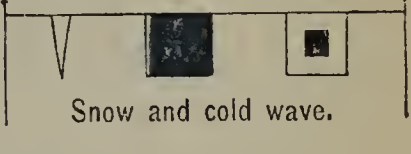
### DISPLAYED FROM HORIZONTAL UPPORTS.



Warmer, fair weather.



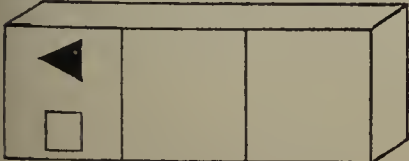
Rain or snow, followed by fair weather. Colder.



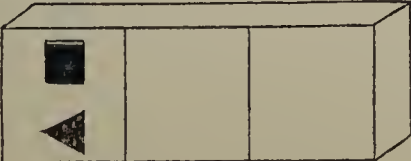
Snow and cold wave.

### DISPLAYED ON CARS.


1 When the two weather symbols cannot be displayed, show the one indicating the weather last named in "Indications".



Warmer, fair weather.



Fair weather, followed by rain.  
Colder.



Fair weather. Cold wave.

Number 1, white flag, six feet square, always indicates clear or fair weather, no rain. Number 2, blue flag, six feet square, indicates rain or snow. Number 3, black, triangular flag, six feet at the base and six feet in length, always refers to temperature. When placed above number 1 or 2 it indicates warmer weather; when placed below number 1 or 2 it indicates colder weather; when not displayed, the indications are that the temperature will remain stationary or that the change in temperature will not vary five degrees from the temperature of the same hour of the preceding day. Number 4, cold-wave flag, six feet square, indicates the approach of a sudden and decided fall in temperature. This signal is usually ordered at least twenty-four hours in advance of the cold wave. It is not displayed unless a temperature of forty-five degrees, or less, is expected, nor is flag number 3 displayed with it.

When displayed on flag-poles the signals should be arranged to read downward; when displayed from horizontal supports a small streamer should be attached to indicate the point from which the signal is to be read; when in the form of symbols, to be displayed on cars, the symbols should be placed one above the other and read downward.

The signals may be withdrawn at 3 p. m.

As the weather indications are telegraphed daily to a large number of stations of the Signal Service, to railroads, etc., in various sections of the country, there are many small towns where they may be obtained by telephone, free of expense. Those desiring to display weather signals and not able to obtain the indications as above, should communicate direct with the Chief Signal Officer, and if it is not practicable to telegraph the indications at the expense of the United States to such places, they will always be furnished at Government rates, at twenty cents per message, sent collect.

Weather signals are now displayed at many stations throughout the United States, and this improved system which is based on that devised by Prof. P. H. Mell, Jr., of Alabama, has been adopted with a view of securing uniformity, and is recommended, after a careful test of the several systems now in use. The system is not complicated, the solid colors will secure legibility, and the flags may be supplied at small expense.

There being no funds at the disposition of the Chief Signal Officer for the purchase of flags, if they are desired and cannot be procured in the vicinity, they may be purchased from any of the following firms, at prices ranging from \$6 to \$12 per set:

M. G. Copeland & Co., No. 634 Louisiana Avenue, Washington, D. C. (standard bunting).

Crane & Co., McWhorter and Olive Streets, Newark, N. J.

C. S. Decker & Co., No. 168 State Street, Boston, Mass.

Horstman Bros. & Co., Fifth and Cherry Streets, Philadelphia, Pa. ("Eagle" bunting).

John F. McHugh, No. 1286 Broadway, New York City.

S. Hemmingway, No. 66 South Street, New York City

P. H. Mell, Jr., Auburn, Alabama.

Correspondence in relation to these flags should be had direct with the above firms and not through this office. The flags may be made of cotton cloth at an expense not to exceed \$2 per set. The displays here outlined may be greatly extended and become one of the most valuable aids to farmers, shippers, and the public generally, by a little exertion and a small expense for flags on the part of those who would be benefited by the signals. Weather signals have been adopted and are in use by some of the principal railroads throughout the country, the symbols, made of tin or sheet iron, being displayed from the baggage cars. These roads transmit over their wires each morning to points from which trains start the names of the symbols to be displayed, the baggage master at those points attending to the signals. Many large firms and corporations are displaying these signals and at the same time advertising their business by printing the signals and their meanings on the back of their business cards.

Communications in reference to the display of signals and symbols in this State should be addressed to

CHARLES F. MILLS, *Director*,  
SPRINGFIELD, ILLINOIS.



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# NAMES OF OBSERVERS REPORTING TO THE ILLINOIS STATE WEATHER SERVICE—CONTINUED.

COUNTY.	OBSERVER.	POST OFFICE.	Eleva- tion, feet.	Latitude.	Longitude
Livingston.....	Isaac Young.....	Pontiac.....	600	40° 54'	88° 40'
Logan.....	L. H. Sullivan.....	Beason. ....	.....	40° 10'	89° 14'
Macon.....	N. M. Baker.....	Decatur.....	.....	39° 52'	89° 57'
Macoupin.....	A. C. Gish.....	Virden.....	.....	39° 32'	89° 45'
Madison.....	J. L. R. Wadsworth..	Collinsville .....	600	38° 40'	90° ..
Marion.....	J. L. Hallam. ....	Centralia.....	492	38° 33'	89° 10'
Marshall.....	A. C. Price.....	Lacon.....	.....	41° 1'	89° 26'
*Mason.....	W. H. Williamson ..	Havana.....	.....	40° 18'	90° 4'
Mason.....	J. F. Culp.....	Mason City.....	.....	40° 15'	89° 42'
*Massac.....	J. D. Young.....	Pellonia.....	.....	37° 9'	88° 40'
*McDonough.....	Lou W. Rost. ....	Macomb.....	.....	.....	.....
McHenry.....	John W. James.....	Marengo ...	956	42° 12'	88° 36'
McHenry.....	Geo. D. Silliman .....	Woodstock.....	.....	42° 16'	88° 26'
*McLean.....	W. O. Davis.....	Bloomington.....	.....	40° 29'	89° 2'
Menard.....	.....	.....	.....	.....	.....
Mercer.....	Tyler McWhorter.....	Aledo.....	.....	41° 12'	90° 45'
†Monroe.....	S. F. Douglass.....	Renault.....	.....	38° 11'	90° 8'
*Montgomery..	J. W. Potts.....	Raymond.....	.....	39° 20'	89° 38'
Morgan.....	Philip J. Hasenstab..	Jacksonville.....	664	39° 45'	90° 15'
Moultrie.....	.....	.....	.....	.....	.....
Ogle.....	Wm. Feary.....	Mt. Morris.....	.....	42° 3'	89° 27'
Peoria.....	Fred. Brendel. .	Peoria.....	490	40° 43'	89° 43'
*Perry.....	W. B. Anderson.....	Three Mile.....	?	?	?
*Piatt.....	J. W. C. Gray.....	Atwood.....	700	39° 49'	88° 30'
Pike.....	L. Eastman.....	Griggsville.....	650	39° 41'	90° 40'
Pike.....	M. J. Hassler.....	Louisiana, Mo.....	.....	39° 10'	91° 18'
Pope.....	J. E. Y. Hanna. .	Golconda.....	.....	37° 25'	88° 25'
Pulaski.....	H. S. Blanchard.....	Olnsted.....	.....	37° 12'	88° 56'
Putnam.....	A. T. Purviance....	Hennepin.....	.....	41° 12'	89° 21'
Randolph.....	W. J. S. Cathcart.....	Jordan's Grove.....	.....	38° 14'	89° 48'
Richland.....	Chas. H. Fahs.....	Olney.....	.....	38° 45'	88° 7'
Rock Island.....	R. R. Martin.....	Davenport, Iowa.....	615	41° 30'	90° 35'
*Saline.....	Gregg & Grace.....	Harrisburg.....	.....	37° 46'	88° 35'
Sangamon.....	John Craig.....	Springfield ...	644	39° 47'	89° 40'
Schuyler.....	.....	.....	.....	.....	.....
*Scott.....	Elihu Armitage.....	Exeter.....	.....	?	?
Shelby.....	A. H. Hatch.....	Windsor.....	.....	39° 30'	88° 35'
Stark.....	Edwin Butler.....	Toulon.....	.....	41° 5'	89° 52'
St. Clair.....	G. A. Weber.....	St. Louis, Mo.....	571	38° 45'	90° 12'
St. Clair.....	G. Leibrock.....	Mascoutah.....	.....	38° 30'	89° 50'
Stephenson.....	John Wright.....	Cedarville.....	.....	42° 24'	89° 36'
Tazewell.....	J. E. Terborg.....	Pekin.....	465	40° 35'	90° 35'
Union.....	.....	.....	.....	.....	.....
Vermilion.....	W. R. Jewell.....	Danville.....	.....	40° 10'	87° 36'
Vermilion.....	Chas. H. Trego.....	Hoopeston.....	.....	40° 30'	87° 40'
Wabash.....	James Pool.....	Mt. Carmel.....	.....	38° 27'	87° 50'
*Warren.....	J. C. Hutchison.....	Monmouth.....	784	40° 54'	90° 39'
Washington.....	A. G. Tucker.....	Richview.....	580	38° 20'	89° 10'
Wayne.....	Jacob Hall.....	Fairfield.....	530	38° 20'	88° 20'
White.....	.....	.....	.....	38° 7'	88° 12'
Whiteside.....	Miss Maud Alexander	Sterling.....	550	41° 45'	89° 56'
Will.....	Miss Anna B. Nash..	Joliet.....	.....	41° 32'	88° 4'
*Williamson.....	J. J. Fly.....	Pulley's Mill.....	460	37° 38'	88° 59'
Winnebago.....	J. W. Budlong.....	Rockford.....	.....	42° 15'	89° 4'
Woodford.....	Cassius C. Rogers....	Minonk.....	660	40° 55'	89° 3'

\* Failed to forward their reports in time to be included in the compilation of May Review.

† Late appointment.

An observer is greatly desired in each of the counties left blank.



ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-30, 1887.  
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 8-18, 1887.

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## STATISTICAL REPORT

— OF THE —

# Illinois State Board of Agriculture.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE  
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC., ON

JULY 1, 1887,

TOGETHER WITH THE

MONTHLY WEATHER REVIEW,

OF THE

ILLINOIS STATE WEATHER SERVICE.

FOR JUNE 1887

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CHARLES F. MILLS, SECRETARY,  
ILLINOIS DEPARTMENT OF AGRICULTURE.  
SPRINGFIELD.

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CIRCULAR 136.

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SPRINGFIELD, ILL.:  
ILLINOIS STATE JOURNAL COMPANY.  
1887.

# Illinois State Board of Agriculture.

## ORGANIZATION FOR 1887-1888.

President.....	SAMUEL DYSART.....	Franklin Grove
Ex-President.....	JOHN LANDRIGAN.....	Albion
Treasurer.....	JOHN W. BUNN.....	Springfield
Secretary.....	CHARLES F. MILLS.....	Springfield
Chief Clerk.....	W. C. GARRARD .....	Springfield

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### VICE-PRESIDENTS.

1st District...	J. IRVING PEARCE.....	Chicago
2d District.....	J. HARLEY BRADLEY.....	Chicago
3d District.....	M. A. MORSE .....	Chicago
4th District.....	JOHN P. REYNOLDS.....	Chicago
5th District.....	GEORGE REED.....	Belvidere
6th District .....	GEORGE S. HASKELL.....	Rockford
7th District.....	SIMON ELLIOTT.....	Princeton
8th District.....	E. C. LEWIS.....	Ottawa
9th District.....	JOHN VIRGIN.....	Fairbury
10th District.....	D. W. VITTM, JR.....	Canton
11th District.....	E. B. DAVID.....	Aledo
12th District.....	ALLAN C. RUSH.....	Perry
13th District.....	J. W. JUDY .....	Tallula
14th District.....	LAFAYETTE FUNK.....	Shirley
15th District.....	E. E. CHESTER.....	Champaign
16th District.....	JOSEPH SKEAVINGTON.....	Albion
17th District.....	DAVID GORE.....	Carlinville
18th District.....	D. B. GILLHAM.....	Upper Alton
19th District.....	B. PULLEN.....	Centralia
20th District.....	J. M. WASHBURN .....	Cartersville



# ILLINOIS CROP REPORT,

—FOR—

JULY, 1887.

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Synopsis of the Reports of Correspondents upon the Condition of the Growing Crops, Etc.

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ILLINOIS DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, July 1, 1887. }

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of July.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past ten years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

## SEASON.

The Monthly Weather Review of the Department contains detailed information concerning the temperature, precipitation, etc., for the past month, and may be found elsewhere in this report.

CORN.

The area of corn is about the same as last year in the Northern Division of the State, and slightly larger in the Central and Southern Divisions.

In all of the Northern counties, except as noted, the area is as large, or larger, than in 1886: Boone, 99 per cent.; Bureau, 94; Henry, 93; Kendall, 99; LaSalle, 94; Lee, 98; Mercer, 96; Ogle, 97; Peoria, 94; Will, 95.

The condition of corn is not quite so good in the Northern Division as on the first of June.

There has been some improvement in the condition of corn in this section in the following ten counties, viz: Bureau, Carroll, Henderson, Kankakee, Lee, Marshall, Mercer, Ogle, Rock Island and Stephenson.

The July condition of corn gives encouragement for an average or better yield per acre in the following Northern counties: Bureau, 108; Carroll, 106; Cook, 100; Grundy, 100; Iroquois, 106; Kankakee, 106; Lee, 105; Livingston, 104; Marshall, 102; McHenry, 102; Mercer, 112; Ogle, 111; Peoria, 100; Putnam, 102; Rock Island, 106; Stark, 106; Stephenson, 106; Warren, 103; Winnebago, 103.

The area of corn in the Central Division is two per cent. greater than a year ago, but thirteen counties reporting a decrease since that time. In the remaining twenty-two counties the area is as large or larger than in 1886.

The condition of corn in Central Illinois is not so good as on the first of June, but with favorable conditions the yield per acre will be almost an average. The drouth has retarded the growth of the plant, but the stand is good and the fields unusually free from weeds.

The July condition promises an average or better yield of corn in the following Central counties, viz: Adams, 104; Calhoun, 100; Champaign, 103; Ford, 108, Fulton, 103; Hancock, 116; Logan, 114; Morgan, 105; Piatt, 100; Pike, 105.

The area devoted to corn in the Southern Division is one per cent. larger than in 1886. Eleven counties report a less area than last year, as follows: Bond, 93; Clay, 80; Clinton, 90; Jasper, 97; Lawrence, 97; Madison, 99; Marion, 79; Pope, 97; Richland, 99; Wabash, 99; Washington, 96.

The condition of corn in Southern Illinois is not so good as in the other Divisions. But five counties promise an average or better yield per acre, as follows: Hardin, 112; Johnson, 103; Massac, 100; Randolph, 105; Richland, 100. In the remaining twenty-nine counties, the July condition is encouraging for 70 per cent. and upwards of an average crop.

The comparative area and condition of corn for a term of years is given in the following table:

DIVISION.	Area 1887, compared to 1886.	Average condition June 1, '87	AVERAGE CONDITION JULY 1.					
			1887.	1886.	1885.	1884.	1883.	1882.
Northern .....	100	103	99	93	88	100	80	64
Central .....	102	103	96	100	90	95	82	60
Southern.....	101	97	89	91	99	85	86	81

BROOM CORN.

Over one-half the counties in the State are paying some attention to broom corn. The July condition promises an average or better yield per acre, in the following counties, viz: Alexander, Champaign, Clay, Edgar, Effingham, Hancock, Hardin, Massac, McDonough, Moultrie, Ogle, Perry, Piatt, Pope, Randolph, Schuyler, Shelby, Stark, Stephenson, Vermilion, Wayne, White and Woodford, 100; Iroquois, 105; McHenry, 110; Sangamon, 102.

In the other counties in which this crop is cultivated, the condition is as follows: Adams, 50; Bond, 90; Boone, 80; Cass, 80; Christian, 80; Clark, 87; Clinton, 85; Coles, 98; Crawrord,



90; Cumberland, 93; DeWitt, 50; Douglas, 88; Fayette, 75; Franklin, 90; Hamilton, 90; Henry, 62; Jasper, 47; Johnson, 97; Kane, 90; Knox 85; LaSalle, 70; Lawrence, 85; Livingston, 88; Madison, 90; Marion, 70; Mason, 90; Mercer, 90; Monroe, 50; Montgomery, 90; St. Clair, 90; Warren, 92; Washington, 60; Williamson, 92.

## SORGHUM.

There is some attention given to the cultivation of this crop in nearly all the counties in the State. The prospect is encouraging for an average or better yield per acre in the following counties, viz: Alexander, Carroll, Champaign, Coles, Cook, Douglas, Kankakee, Logan, Marshall, McDonough, McLean, Morgan, Moultrie, Perry, Pike, Randolph, Stark and Tazewell, 100; Sangamon, 102.

The condition is as noted in the remaining counties: Adams, 75; Bond, 92; Brown, 85; Bureau, 78; Calhoun, 75; Cass, 83; Christian, 67; Clark, 87; Clay, 98; Clinton, 85; Crawford, 81; Cumberland, 82; DeWitt, 78; Edgar, 87; Effingham, 89; Fayette, 77; Franklin, 80; Fulton, 88; Gallatin, 70; Greene, 95; Grundy, 90; Hamilton, 88; Hancock, 90; Hardin, 97; Henderson, 60; Henry, 75; Iroquois, 95; Jackson, 60; Jasper, 62; Jefferson, 80; Johnson, 94; Knox, 95; LaSalle, 87; Lawrence, 92; Lee, 90; Livingston, 77; Macon, 90; Macoupin, 84; Madison, 90; Marion, 85; Mason, 85; Massac, 90; McHenry, 87; Menard, 90; Mercer, 95; Montgomery, 73; Ogle, 90; Pope, 87; Pulaski, 92; Putman, 88; Richland, 95; Saline, 77; Schuyler, 88; Shelby, 89; Stephenson, 97; Vermilion, 93; Wabash, 82; Warren, 97; Washington, 77; Wayne, 85; White, 97; Whiteside, 95; Will, 49; Williamson, 84; Winnebago, 10; Woodford, 95.

## WINTER WHEAT.

The condition of winter wheat has not improved any in the Northern Division of the State since June 1. and an average yield per acre may be expected in but one county, Kankakee, 102. In the other counties there will be a smaller yield, as follows: Boone, 65; Bureau, 71; Carroll, 72; Cook, 92; DeKalb, 85; DuPage, 50; Grundy, 87; Henderson, 62; Henry, 70; Iroquois, 90; JoDaviess, 90; Kane, 73; Kendall, 67; Knox, 93; Lake, 85; LaSalle, 91; Lee, 88; Livingston, 72; Marshall, 80; McHenry, 90; Mercer, 83; Ogle, 84; Peoria, 90; Putnam, 81; Rock Island, 80; Stark, 85; Stephenson, 81; Warren, 93; Will, 83; Winnebago, 74; Woodford, 85.

Harvest is very generally over in the Central and Southern portions of the State, though but little threshing has yet been done.

In the Central Division the condition is a little above the average, and is better than at corresponding date since 1882. In all but the counties noted in this Division, the yield will be an average or better: Calhoun, 60; Clark, 91; Cumberland, 95; Douglas, 90; Edgar, 45; Ford, 80; Moultrie, 93; Tazewell, 99.

In the Southern Division, where over one-half of the winter wheat of the State is raised, the July condition promises less than three-fourths of an average yield per acre. Winter wheat is up to an average in but one county in this Division, Alexander. From three-fourths to an average yield per acre may be expected in the following counties, viz: Bond, 97; Clinton, 95; Crawford, 75; Effingham, 78; Fayette, 85; Gallatin, 90; Hardin, 75; Jasper, 75; Johnson, 76; Madison, 90; Massac, 80; Pulaski, 96; Randolph and Richland, 87; Saline, 80; Washington, 83.

The condition of winter wheat in each county in the State at corresponding date for a term of years is given in a table published elsewhere in this report.

The comparative condition of winter wheat from month to month this season, and the July condition for a term of years, are given in the following table:

DIVISIONS.	CONDITION 1887.			JULY CONDITION.					
	April.	May.	June.	1887.	1886.	1885.	1884.	1883.	1882.
Northern.....	92	88	82	81	100	68	94	87	104
Central .....	95	101	99	101	99	38	78	63	102
Southern .....	83	83	72	71	79	42	70	48	112

## WHEAT HARVEST.

Wheat harvest commenced this season in the several counties on the dates named, viz:

- June 4. Johnson.
- June 5. Wayne.
- June 6. Alexander and Pulaski.
- June 10. Bond, Calhoun, Franklin, Gallatin, Jackson, Jersey, LaSalle, Marion, Massac, Pope, Saline and Williamson.
- June 11. Macoupin and White.
- June 12. Clark, Clay, Crawford, Cumberland, Green, Hardin and Scott.
- June 13. Brown, Effingham, Madison, Morgan, Sangamon, St. Clair and Tazewell.
- June 14. Adams, Cass, Fulton, Hamilton, Menard, Monroe, Schuyler and Wabash.
- June 15. Christian, Clinton, Coles, DeWitt, Douglas, Fayette, Hancock, Henderson, Jefferson, Logan, Macon, McDonough, Montgomery, Perry, Pike, Richland, Stark and Vermilion.
- June 16. Lawrence, Shelby and Washington.
- June 17. Piatt and Randolph.
- June 18. Jackson, Moultrie and Warren.
- June 20. Champaign, Edgar, Ford, Knox, Mason, McLean and Winnebago.
- June 21. Stephenson.
- June 23. Livingston and Peoria.
- June 24. Kane, Kendall and Putnam.
- June 25. Boone, DeKalb, Henry, Kankakee, Lee and Woodford.
- June 26. Carroll.
- June 27. Bureau, Mercer, Ogle, Rock Island, Whiteside.
- June 30. DuPage.
- July 1. Cook.

## RYE.

The prospects are favorable for but little over three-fourths of an average yield per acre of rye in the Northern Division of the State. The condition has not improved any in the past month, and is much below the average for the corresponding date for several years.

The most encouraging reports come from the following counties where the condition is as noted: Carroll, 86; DeKalb, 87; Henderson, 85; Iroquois, 96; JoDaviess, 92; Kankakee, 97; Knox, 87; Lee, 89; Marshall, 85; McHenry, 95; Ogle, 89; Putnam, 86; Stark, 85; Warren, 95; Whiteside, 90.

There will be an average or better yield of rye in the following Central counties, viz: Adams, 102; Cass, Champaign, Coles, Cumberland, Greene, Jersey, Macon, Menard, Morgan, Piatt, Pike, Sangamon, Schuyler and Shelby, 100.

In the remaining counties in this Division the prospect is encouraging for from three-fourths to an average yield per acre.

The prospect for rye in the Southern Division is not so encouraging for July 1, as it was a month ago. In but very few of the Southern counties will there be an average yield per acre.

The prospect for rye in each county in the State, is given in a table published elsewhere in this report.

## SPRING WHEAT.

There will be about three-fourths of an average yield per acre of spring wheat in the Northern Division of the State. The prospect is not so good as it was a month ago. There will be from three-fourths to an average yield per acre in the following Northern counties: Bureau, 78; Cook, 87; DeKalb, 75; Henderson, 82; Henry, 77; Iroquois, 83; Knox, 84;



LaSalle, 91; Lee, 93; Livingston, 77; Marshall, 85; Mercer, 76; Ogle, 92; Putnam, 90; Stark, 97; Warren, 87; Whiteside, 78; Will, 77.

In the following Central counties there will be an average yield of spring wheat: Champaign, Moultrie and Schuyler.

In a table published elsewhere in this report will be found the July 1 condition of spring wheat for each county in the State.

## BARLEY.

The prospects are encouraging for an average yield per acre of barley in the following counties: Champaign, Morgan, Randolph and Whiteside. In the remaining counties in which this crop is reported, the prospect is as noted: Boone, 63; Bureau, 82; Carroll, 75; DeKalb, 30; DuPage, 55; Henry, 59; JoDaviess, 72; Kane, 70; Lake, 67; Lee, 75; Marshall, 90; McHenry, 50; Montgomery, 80; Ogle, 72; Rock Island, 95; Stark, 87; Stephenson, 74; Will, 77; Winnebago, 52; Woodford, 80.

## OATS.

The condition of oats has not improved since June 1, and the prospects are not encouraging for much over three-fourths of an average yield per acre. The most encouraging reports come from the Northern Division, where the condition is less than two-thirds of an average. Upwards of three-fourths of an average yield may be expected in the following counties in this Division: Grundy, 97; Henderson, 80; Iroquois, 85; Kankakee, 81; Lee, 83; Livingston, 84; Putnam, 76; Stark, 79; Warren, 79.

The condition of the crop in Morgan county promises over an average yield per acre. In the remaining counties in Central Illinois the condition is as follows: Adams, 99; Brown, 87; Calhoun, 90; Cass, 97; Champaign, 88; Christian, 93; Clark, 90; Coles, 86; Cumberland, 79; DeWitt, 78; Douglas, 75; Edgar, 78; Ford, 82; Fulton, 95; Greene, 99; Hancock, 95; Jersey, 85; Logan, 80; Macon, 78; Macoupin, 95; Mason, 82; McDonough, 93; McLean, 89; Menard, 87; Montgomery, 97; Moultrie, 82; Piatt, 87; Pike, 95; Sangamon, 97; Schuyler, 96; Scott, 92; Shelby, 86; Tazewell, 66; Vermilion, 86.

In the following counties in the Southern Division an average or better yield may be expected: Crawford, 100; Franklin, 101; Hamilton, 108; Hardin, 112; Jackson, 100; Lawrence, 100; Pope, 102; Randolph, 110; Richland, 107; Wayne, 111; White, 110; Williamson, 108.

In all of the remaining counties in this section, except Massac, where the prospect is encouraging for but two-thirds of an average yield per acre, over three-fourths of an average yield may be expected.

## HUNGARIAN AND MILLET.

These crops are receiving some attention in more than three-fourths of the counties in the State. A table published elsewhere in this report gives the area for this year as compared with 1886. In the counties noted below the area is as large, or larger, than last year: Carroll, 152; Cass, 100; Champaign, 110; Clinton 100; Cumberland, 100; DuPage, 125; Fayette, 103; Ford, 100; Greene, 100; Hamilton, 110; Henry, 107; JoDaviess, 120; Kane, 112; Kankakee, 105; Kendall, 100; Knox, 100; Lake, 125; LaSalle, 107; Lee, 102; Macoupin, 100; Madison, 100; McHenry, 100; Mercer, 100; Moultrie, 100; Perry, 100; Pope, 100; Pulaski, 100; Randolph, 100; Rock Island, 117; Sangamon, 100; Stark, 100; Stephenson, 175; Warren, 125; Wayne, 100; Williamson, 100.

## FLAX.

Flax is in average condition in the following counties: Clinton, Cook, Cumberland, Ford and Shelby.

In the other counties in which flax is cultivated, the condition is as noted: Clay, 90; DuPage, 50; Grundy, 82; Iroquois, 92; Kankakee, 85; Lake, 90; Livingston, 75; Marion, 90; McHenry, 70; Ogle, 75; Piatt, 85; Vermilion, 90; Will, 58.

## COTTON.

Cotton is reported from but two counties in the State, where the condition is as noted: Johnson, 95; Williamson, 80.

## TOBACCO.

Tobacco is reported in average condition in the counties of Alexander, Clay, Clinton, Coles, Cook, Crawford, Hardin, Jefferson, Madison, McHenry, Perry, Piatt, Pope, Randolph, Warren and Washington.

In the remaining counties in which this crop is receiving attention, the condition is as noted: Bond, 70; Boone, 20; Brown, 85; Calhoun, 50; Clark, 90; Cumberland, 90; Effingham, 95; Fayette, 82; Hamilton, 70; Jasper, 85; JoDaviess, 35; Johnson, 78; Macoupin, 60; Montgomery, 90; Pulaski, 87; Saline, 87; Sangamon, 75; Stephenson, 67; Wayne, 93; Will, 70; Williamson, 63.

## IRISH POTATOES.

The condition of Irish potatoes is not so good as on the first of June, and the prospect is not encouraging for three-fourths of an average yield per acre.

But one county in the Northern Division, LaSalle, promises an average yield. In the following Northern counties the prospects are favorable for over three-fourths of an average yield per acre: Carroll, 89; Cook, 85; Iroquois, 76; Kankakee, 75; Marshall, 82; McHenry 87; Rock Island, 90; Stark, 83.

In the Central Division the prospect is encouraging for 71 per cent. of an average yield. The July condition promises three-fourths of an average yield per acre, or better, in the following counties in this Division: Adams, 80; Brown, 87; Calhoun, 95; Clark, 78; Fulton, 88; Greene, 86; Hancock, 90; Jersey, 90; Macoupin, 78; Menard, 75; Montgomery, 83; Morgan, 79; Pike, 87; Schuyler, 78.

In the other counties in Central Illinois the condition is not favorable for three-fourths of an average yield per acre.

The prospect for Irish potatoes is a little more encouraging in the Southern Division of the State than in the Northern and Central Divisions, but even in this section a full average yield may be expected in but three counties, viz: Gallatin, Hamilton and Wayne.

The condition in the other counties in Central Illinois is as follows: Alexander, 73; Bond, 94; Clay, 83; Clinton, 85; Crawford, 84; Effingham, 81; Fayette, 89; Hamilton, 89; Hardin, 95; Jackson, 90; Jasper, 50; Jefferson, 90; Johnson, 95; Lawrence, 82; Madison, 96; Marion, 84; Massac, 60; Monroe, 75; Perry, 90; Pope, 92; Pulaski, 77; Randolph, 97; Richland, 92; Saline, 97; St. Clair, 77; Wabash, 68; Washington, 85; White, 95; Williamson, 96.

## SWEET POTATOES.

The July condition of sweet potatoes is not so good as on corresponding date last year, but with favorable conditions there will be from three-fourths to an average yield per acre. There will be an average yield or better, in the following counties, viz: Brown, Clay, Franklin, Gallatin, Jackson, Jefferson, Mason, Monroe, Morgan, Rock Island and Schuyler, 100; Randolph, 102. The most discouraging prospects are in the following counties, where the condition is as noted: Calhoun, 50; Christian, 57; DeWitt, 72; Henderson, 70; Jasper, 62; JoDaviess, 24; Livingston, 63; Macon, 71; Marion, 68; Massac, 60; Mercer, 65; Moultrie, 68; Ogle, 67; Peoria, 60; Shelby, 72; Woodford, 65.

## FIELD BEANS.

Beans are cultivated as a field crop in all but eighteen counties. In fifty-six counties the area is as large, or larger, than in 1886. In the remaining twenty-eight counties the area is from seventy-five per cent. to an average, as compared with last year.



The condition of the crop is up to an average in the following counties: Carroll, Champaign, Clay, Clinton, Cook, Franklin, Greene, Grundy, Hamilton, Hardin, Jefferson, Kankakee, Lawrence, Massac, McDonough, Morgan, Perry, Pope, Randolph, Richland, Rock Island, Schuyler, Stark, Vermilion, Wayne, White and Whiteside, 100; Warren, 110.

In the remaining counties where the crop is cultivated, there will be from one-half to an average yield per acre, except as noted: Boone, 25 per cent.; Christian, 40; DeKalb, 10; Jasper, 50.

## FIELD PEAS.

The area sown to peas in the counties where they are cultivated as a field crop, is as follows: Alexander, Clay, Cook, DuPage, Effingham, Franklin, Fulton, Henry, Jackson, Kane, Lake, LaSalle, Macoupin, McHenry, Ogle, Shelby, Stark, Stephenson, Washington, Wayne and Williamson, 100; Jefferson, 150; Massac, 120; Pulaski, 101; Warren, 110; Christian, 95; Crawford, 90; Fayette, 77; Iroquois, 75; JoDaviess, 60; Johnson, 95; Lee, 90; Mason, 90; Montgomery, 75; Pope, 70; Will, 75; Woodford, 95.

## MEADOWS.

The long drouth of the spring prevented the growth of meadows, and the present hay crop will be the smallest harvested in this State for many years. The drouth was specially severe in the Northern Division, where there will be less than half an average yield per acre. In the following counties in this section, there will be fifty per cent., or better of an average yield: Cook, 66 per cent.; Iroquois, 66; Kankakee, 75; Lake, 80; Marshall, 57; Rock Island, 55; Stark, 60; Warren, 54; Will, 55. In the remaining Northern counties, there will be less than half an average yield per acre.

The prospect for hay in the Central Division is encouraging for nearly three-fourths of an average yield per acre. In the following counties in this section, three-fourths, or better, of an average yield may be expected: Adams, 80; Brown, 85; Calhoun, 87; Champaign, 75; Cumberland, 81; Greene, 91; Hancock, 77; Jersey, 87; Macoupin, 80; McDonough, 77; Montgomery, 83; Morgan, 87; Piatt, 85; Pike, 80; Schuyler, 82.

The most encouraging outlook for hay is in the Southern Division, where eighty-two per cent. of an average yield per acre may be expected. There will be three-fourths, or better, of an average yield per acre in all the counties in Southern Illinois, except as noted: Clinton, 65; Jackson, 60; Jasper, 55; Perry, 70; Richland, 65.

A table published elsewhere in this report gives the July condition of meadows for each county in the State.

## PASTURES.

Pastures have suffered greatly from drouth, and the July 1 condition has not been so poor for many years. Many farmers in the Northern part of the State are now feeding hay, and cattle are being shipped to the Chicago markets, on account of lack of pasturage.

In the Northern Division of the State, the condition of pastures is but thirty-seven per cent. of an average. In the following named counties, pastures are up to fifty per cent., or better, of an average condition: Cook, 52; Henderson, 62; Iroquois, 58; Lake, 60; Marshall, 50; Rock Island, 52; Stark, 55; Whiteside, 50; Will, 54.

Two counties in Central Illinois, Greene and Jersey, report pastures in an average condition for July 1. The most unfavorable reports from this section came from the following counties, where the condition is as noted: Logan and Macon, 44; McLean, 27; Schuyler, 43; Tazewell, 47.

The condition of pastures in the Southern Division is rather better than in the Northern and Central Divisions. The most discouraging report comes from Jasper county, where the condition is only half the average.

The July condition of pastures for each county in the State, is given in a table published elsewhere in this report.

## FRUIT.

The crop of small fruits is much below the average.

There was an average yield of cherries in but three counties, but one county reports an average yield of strawberries; there was an average yield of raspberries in four counties, of gooseberries in five and of currants in three counties.

## CHERRIES.

An average yield of cherries is reported from but three counties, viz: Hardin, Massac and Pope.

There was three-fourths, or more, of an average crop in the counties noted below: Alexander, 78; Hamilton, 99; Johnson, 98; Pulaski, 87; Saline, 85; Williamson, 89.

From fifty to seventy-five per cent. of an average yield was reported as follows: Adams, 50; Bond, 58; Clay, 50; Franklin, 70; Gallatin, 65; Jackson, 60; Jasper, 50; Jefferson, 55; Lake, 65; Lee, 50; Marion, 57; Mason, 60; Randolph, 72; Rock Island, 52; Shelby, 67; Stark, 52; White, 52.

In the remaining counties in the State, the yield was so small as to be scarcely worthy of notice.

## STRAWBERRIES.

Lawrence county alone reports an average yield of strawberries this year. In the other counties in the State, the yield was as noted: Adams, 79; Alexander, 42; Bond, 72; Boone, 73; Brown, 90; Bureau, 82; Calhoun, 50; Carroll, 73; Cass, 44; Champaign, 65; Christian, 54; Clark, 74; Clay, 53; Clinton, 55; Coles, 79; Cook, 75; Crawford, 73; Cumberland, 93; DeKalb, 75; DeWitt, 77; Douglas, 92; DuPage, 67; Edgar, 82; Effingham, 54; Fayette, 52; Ford, 77; Franklin, 67; Fulton, 61; Gallatin, 60; Greene, 87; Grundy, 70; Hamilton, 43; Hancock, 68; Hardin, 70; Henderson, 90; Henry, 48; Iroquois, 71; Jasper, 50; Jefferson, 50; Jersey, 67; JoDaviess, 60; Johnson, 64; Kane, 56; Kankakee, 76; Kendall, 38; Knox, 58; Lake, 72; LaSalle, 90; Lee, 89; Livingston, 76; Logan, 77; Macon, 51; Macoupin, 50; Madison, 50; Marion, 35; Marshall, 90; Mason, 67; Massac, 66; McDonough, 73; McHenry, 62; McLean, 57; Menard, 37; Mercer, 66; Montgomery, 83; Morgan, 60; Moultrie, 70; Ogle, 62; Peoria, 55; Perry, 42; Piatt, 75; Pike, 67; Pope, 95; Pulaski, 73; Putnam, 66; Randolph, 30; Richland, 75; Rock Island, 65; Saline, 92; Sangamon, 53; Schuyler, 62; Scott, 88; Shelby, 73; Stark, 76; St. Clair, 50; Stephenson, 72; Tazewell, 64; Vermilion, 69; Wabash, 60; Warren, 71; Washington, 5; Wayne, 85; White, 62; Whiteside, 62; Will, 75; Williamson, 81; Winnebago, 55; Woodford, 43.

## RASPBERRIES.

There was an average yield of raspberries in four counties, viz: Jefferson, Lawrence, Marion and Washington. In seventy counties there was half an average, or better, yield, as follows: Adams, 89; Alexander and Bond, 80; Brown, 67; Bureau, 55; Calhoun, 75; Carroll, 85; Champaign, 87; Christian, 63; Clark, 78; Clay, 93; Clinton, 65; Coles, 82; Cook, 62; Crawford, 92; Cumberland, 85; DeWitt, 72; Douglas, 59; Edgar, 70; Effingham, 72; Fayette, 69; Franklin, 75; Fulton, 67; Gallatin, 70; Greene, 68; Grundy, 55; Hamilton, 83; Hancock, 58; Hardin, 75; Iroquois, 61; Jasper, 75; Jersey, 65; JoDaviess, 69; Johnson, 79; Kankakee, 72; Lake, 95; LaSalle, 70; Lee, 70; Livingston, 50; Logan, 67; Macoupin, 62; Madison, 70; Marshall, 66; Mason, 75; Massac, 90; McDonough, 72; McLean, 54; Mercer, 52; Montgomery, 64; Morgan, 58; Moultrie, 75; Peoria, 65; Pike, 68; Pope, 87; Pulaski, 67; Richland, 77; Rock Island, 71; Saline, 82; Schuyler, 52; Scott, 82; Shelby, 83; Stark, 79; St. Clair, 50; Stephenson and Tazewell, 56; Vermilion, 67; Wabash, 63; Warren, 56; Wayne, 82; Williamson, 84. In the remaining counties in the State, there was less than half an average yield.



## GOOSEBERRIES.

There was from 90 per cent. to an average yield of gooseberries in the counties named below: Alexander, 90; Hamilton, 98; Jersey, Perry, Piatt, Pope and Randolph, 100; Saline, 92.

## CURRANTS.

Johnson, Piatt and Randolph counties report an average yield of currants this year. There was from seventy-five per cent. to an average yield in the following counties: Douglas, 75; Gallatin, 80; Hardin, 90; Jefferson, 75; Lawrence, 75; Mason, 82; Montgomery, Morgan and Perry, 75; Pope, 95; Pulaski, 75; Saline, 90; Shelby, 83.

## WOOL.

The wool clip of 1887 was as large, or larger, than last year in the following counties: Bond, Christian, Cook, Douglas, Effingham, Grundy, Henderson, Henry, LaSalle, Logan, Moultrie, Ogle, Perry, Pulaski, Randolph, Washington, Whiteside and Woodford, 100; Montgomery; Shelby, Vermilion and Wayne, 101; Piatt and Stark, 102; Adams, 103; Clark, 104; Champaign, Ford and Putnam, 105; Alexander, 107; Clinton and Jackson, 110. In the remaining counties in the State, there was from seventy-five per cent. to an average clip.

## AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past ten years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops,

CHARLES F. MILLS,

*Secretary.*

## CORRESPONDENTS' REMARKS.

ADAMS—The prospect for more than an average yield per acre of corn, was never more encouraging than at this time. The growing crop has been well cultivated and is unusually free from weeds. Broom corn and sorghum cane are not up to the average in condition for July 1. Winter wheat and rye will make a full average yield per acre. The oats crop is in splendid condition and a large yield may be expected. Irish and sweet potatoes are a little backward but are doing well at this time. Meadows and pastures have suffered for the want of rain during the past month. The wool clip is a little larger than last season. Small fruits have yielded well, and there is a fair prospect for apples, peaches and pears.

ALEXANDER—The condition of the growing crop of corn is nearly up to the average for July 1. At this time corn is suffering for rain. Broom corn and sorghum cane are in fine condition. Winter wheat and rye will make a full average yield per acre. The condition of the present oat crop is better than for several years past. Tobacco has made rapid and vigorous growth during the past month. Irish and sweet potatoes are doing well. Owing to the drouth meadows and pastures are not in an average condition for July 1. Fields beans are very backward. There will be a fair crop of peaches, apples and plums. The wool clip is considerably larger than that of last season. Farmers are paying more attention to the improved breeds of live stock than heretofore.

BOND—The growing crop of corn is free from weeds having been well cultivated. The plant is somewhat effected by the drouth and there is some complaint of chinch-bugs. The general condition is encouraging for four-fifths of an average yield per acre. Broom corn and sorghum cane are in better condition than corn and are doing well. Winter wheat will yield a full average per acre. About four-fifths of an average per acre of rye may be expected. Oats are generally in good condition; that adjoining wheat fields being somewhat injured by chinch-bugs. Oats harvest began the 28 of June. Tobacco is not in an average condition for this date. Irish and sweet potatoes are looking well and promise

an average yield per acre. Meadows and pastures are backward, owing to the drouth. Field beans are nearly up to an average in condition. The wool clip is about the same as that of last year. There is an abundance of small fruit of all kinds. There will be a fair yield of apples, peaches and pears. Farmers are giving more attention to the improvement of their stock this season than usual.

BOONE—The condition of the growing corn crop is good, and the prospect is encouraging for an average yield per acre. Broom corn looks well, although not quite up to the average for July 1st. Winter wheat will not make more than two-thirds of an average yield per acre. Rye will make four-fifths of an average yield per acre. Spring wheat, barley and oats have suffered for the want of rain, and do not promise more than two-thirds of an average yield per acre. Irish potatoes are backward and will not make to exceed two-thirds of an average yield per acre. Meadows and pastures were never in poorer condition than at this time. The drouth has killed all grasses. Field beans are in poor condition. The wool clip is not more than four-fifths as large as last season. The fruit crop will be very light.

BROWN—The growing crop of corn is suffering for want of rain. Its general condition is about an average for July 1. Sorghum cane is in fair condition. Winter wheat will make more than an average yield per acre. The oats crop is a little short; will be ready for harvest by July 4. Tobacco has made fair growth. Irish and sweet potatoes are doing well. Meadows and pastures are in fair condition. Field beans are not up to an average condition for July 1. The wool clip is about ten per cent. short of that of last season. With the exception of apples there will be but little fruit.

BUREAU—The growing corn crop is very promising; has made rapid and vigorous growth, but has arrived at that stage that without rain it cannot make an average crop. Sorghum is not up to the average in condition for July 1. Winter wheat promises a three-fourths yield per acre. Spring wheat, barley and oats have not done well



and not more than three-fourths of an average yield per acre is expected. The Irish potato crop has been cut short fifty per cent. by the continued drouth. Meadows and pastures have seldom looked worse on July 1. The wool clip is not as large as that of last season. The fruit prospect has seldom been poorer than this season. Every attention is given to the improvement of the breeds of cattle and horses.

**CALHOUN**—Corn has seldom been in better condition on July 1 than this season. The growth has been rapid and vigorous and the crop has been laid by. Sorghum cane is considerably below the average in condition. Winter wheat and rye will yield about three-fourths of an average crop per acre. Spring wheat does not promise more than half a crop. Oats are ready for harvest and are nearly in an average condition for this date. Tobacco has not done well. Irish and sweet potatoes have made fair growth. Meadows and pastures are a little short of an average but are doing well. The fruit crop is not as large as was expected on June 1. The wool clip is a little short of that of last season.

**CARROLL**—The growing corn at this time is above an average in condition, but cannot long remain so without rain. Sorghum is in good condition. Winter wheat promises about three-fourths of an average yield per acre. Harvest began June 26. Winter rye will yield somewhat larger than wheat. Spring wheat, barley and oats do not promise more than three-fourths of an average yield per acre. The latter crops have suffered greatly for want of rain. Irish and sweet potatoes are hardly up to an average in condition for July 1. Meadows and pastures are in very poor condition, the drouth having killed grass of all kinds. Field beans are in an average condition for July 1, and the area is about as large as that of last season. The wool clip is twenty per cent. less than that of previous clipping. Small fruits of all kinds are doing well. There will not be more than two-thirds of an average yield of apples. The interest in improved stock is increasing each succeeding year.

**CASS**—The drouth is beginning to show its effect upon the growing corn, and the general condition is below the average. Broom corn and sorghum cane are not up to the average condition for July 1. Winter wheat and rye will make full average yields per acre. Oats have made splendid growth and are in full average condition. Harvesting begins next week. Irish potatoes have suffered from the drouth, and do not promise more than two-thirds of an average yield per acre. Sweet potatoes are in fine condition. Meadows and pastures are in very poor condition. Grass of all kinds has the appearance of being dead. The wool clip is hardly as large as that of last season. There will be very little fruit of any kind. There has been great improvement in the breeds of farm animals during the past five years.

**CHAMPAIGN**—The growing corn crop is a little above the average in condition. It has been well cultivated and is free from weeds. Broom corn and sorghum cane are in an average condition for July 1. Winter wheat and rye will yield a full average per acre. Spring wheat and oats promise a large yield. Irish and sweet potatoes are

not up to the average for this date. The continued dry weather has more or less affected vegetation of all kinds. Meadows and pastures are not in good condition. Field beans are doing well. The fruit crop generally will be light. Grapes promise a full yield. The wool clip is larger than that of last year.

**CHRISTIAN**—Corn has been well cultivated; the growth strong and vigorous, but it is suffering for rain at this time. Broom corn and sorghum cane have not made the usual growth for July 1. Winter wheat will make more than an average yield per acre. Harvest began June 15. Winter rye will make about an average yield per acre. Oats have been more or less affected by the drouth, and will hardly reach an average yield per acre. Irish and sweet potatoes will make but little over half a crop. Meadows and pastures are in very poor condition. The wool clip is about the same as that of last season. The drouth has nearly ruined the prospect for field beans. The fruit prospect is not encouraging. The yield will not be sufficient for home demand. There is a gradual improvement in the breeds of all kinds of farm animals.

**CLARK**—The condition of the growing crop of corn is considerably below the average for July 1. The drouth and chinch-bug are playing sad havoc with the growing corn. Broom corn and sorghum cane are not up to the average condition for July 1. Winter wheat and rye will make nearly an average yield per acre. Oats are short and are being injured by chinchbugs since wheat harvest. Irish and sweet potatoes but little over three-fourths of an average yield per acre. Meadows and pastures are in poor condition, as vegetation of all kinds has been nearly destroyed for the want of rain. Field beans are not up to the average condition for July 1. The wool clip is somewhat larger than that of last season. There will be a fair crop of apples and pears. Small fruits of all kinds have made a fair yield. Farmers are taking more interest in the improvement of the breeds of cattle and horses.

**CLAY**—Corn has been well cultivated but much of it since harvest is threatened with destruction by chinch-bugs. The general condition of the growing crop is a little below the average for July 1. Broom corn and sorghum cane are in fine condition. Winter wheat and rye will hardly yield half an average per acre. The oats crop has been somewhat damaged by the chinch-bugs. The condition is not encouraging for more than four-fifths of an average yield per acre. Tobacco has made rapid and vigorous growth during the past month. Irish and sweet potatoes are doing well. The season has been very favorable to the growth of grasses, but owing to the extreme drouth last fall many meadows and pastures are more or less damaged and are not in an average condition for July 1. Field beans and peas have made fine growth and are in full average condition for this date. The fruit crop will be light. The late frosts in April did a great deal of damage to fruit of all kinds.

**CLINTON**—The condition of corn is not up to the average for July 1. Since harvest the chinch-bug has been working the corn. Broom corn and sorghum cane are in fine condition. Winter wheat and rye will make



nearly an average yield per acre. Oats and flax are in fine condition. The growth of tobacco has been rapid and strong. Irish and sweet potatoes are nearly up to the average in condition for July 1. The season has been favorable to the growth of vegetation of every description. Meadows and pastures are in fair condition. Field beans are doing well. The wool clip is ten per cent. larger than that of last season. The fruit crop will not be large.

**COLES**—The growing corn crop is in an average condition for July 1. The season has been unusually favorable for the planting and cultivation of every kind of crop. Broom corn and sorghum cane are doing well. Winter wheat will yield more than an average per acre. Winter rye will make about an average yield per acre. Oats are short and are being injured by the chinchbug since wheat harvest. Irish and sweet potatoes promise but little over three-fourths of an average yield per acre. Meadows and pastures are nearly ruined for want of rain. Stock is beginning to suffer for feed. Tobacco is in fine condition. The prospect is encouraging for field beans, and the area devoted to this crop is larger than that of last season. The wool clip is about the same as last season. The yield of small fruits has been very fair. The prospect for apples, peaches and pears is about the same as last season at this date. All the improved breeds of farm stock are found in this county.

**COOK**—Corn has been well cultivated; the stand is good and its general condition up to the average for this date. The same may be said of sorghum cane. Winter wheat and rye promise but little over four-fifths of an average yield per acre. Spring wheat, barley, oats and flax are in fair condition. Tobacco has made splendid growth during the past month. Irish potatoes, from some cause, have not made the usual growth. Meadows and pastures have suffered for the want of rain, and are considerably below the average condition for July 1. Field beans and peas have made fine growth, and promise a full average yield per acre. The wool clip is about the same as that of last season. The prospect for apples, pears and grapes is very good.

**CRAWFORD**—The growing corn has been greatly damaged by the drouth and chinchbug, and the prospect is not good for more than four-fifths of an average yield per acre. Broom corn and sorghum cane are doing well. Winter wheat will make about three-fourths of an average yield per acre. Rye will make nearly an average crop. The oats crop is in unusual fine condition, and a full average may be expected. Tobacco has made rapid and vigorous growth. Irish and sweet potatoes are in fair condition. Field beans and peas are looking well. The drouth has cut the hay crop fully one third short, and pastures are not up to the average condition for July 1. The fruit prospect is not as encouraging as on June 1.

**CUMBERLAND**—Corn has made very good growth and with a rain soon nearly an average yield per acre may be expected. Broom corn and sorghum cane are in fine condition. Winter wheat and rye will make an average yield per acre. Oats are not filling well, owing to the drouth. Flax has made fine growth during the past month. Tobacco looks well and is strong and vigor-

ous. The Irish and sweet potato crop will be short of an average. Field beans are in fair condition. The drouth has injured meadows and pastures to some extent. The condition of fruit is fair but not as good as on June 1. The wool clip is about ten per cent. short of that of last season.

**DEKALB**—The condition of the growing corn is nearly up to the average for July 1. Winter wheat and rye will make but little over four-fifths of an average yield per acre. Spring wheat will yield about three-fourths of an average yield per acre. Spring barley, oats and Irish potatoes are in poor condition, and not more than half of an average yield of either of these crops can be expected. Meadows and pastures have seldom looked worse on July 1, than this season. The wool clip is not as large as last season. There is very little fruit of any kind. The drouth has killed off nearly all kinds of vegetation.

**DEWITT**—Corn was never in better condition than this season, on July 1, but needs rain. Broom corn is in poor condition. sorghum cane looks well. Winter wheat will make more than an average yield per acre. Rye, spring wheat and oats will yield average crops. Irish and sweet potatoes are not in an average condition for July 1. Meadows and pastures have suffered for want of rain. Field beans are in fair condition. The wool clip is not more than four-fifths as large as last season. There will be scarcely any fruit.

**DOUGLAS**—The prospect for corn is encouraging for nearly an average yield per acre. The growing crop has been but little affected by the drouth. Sorghum cane is in an average condition for July 1. Winter wheat and rye will make nearly an average yield per acre. The quality of the present oats crop will be good, but the yield will not be as large as last season. Irish and sweet potatoes have suffered for want of rain and the crop is not up to the average in condition. Meadows and pastures are cut short, owing to the drouth. Field beans are doing well. The fruit crop will be but little better than a failure. The wool clip is about the same as last season.

**DUPAGE**—Corn has made fair growth for July 1, but is being injured daily by the continued dry weather. Winter wheat and rye will not yield more than one-half an average per acre. Spring wheat, barley, oats and flax are in poor condition and do not promise more than one-half an average yield per acre. Potatoes have suffered for want of rain and not more than one-half a crop can be expected. Meadows and pastures were never in worse condition at this season of the year. The drouth has about killed all kinds of vegetation. Field beans and peas are doing very well considering the very dry weather. The condition of fruit is poor and there will be but little of any kind. The wool clip is ten per cent. less than that of last season.

**EDGAR**—The condition of corn is hardly up to the average for July 1. The crop is unusually free from weeds, having been well cultivated but at this time is suffering for rain. Broom corn and sorghum cane are doing well. Winter wheat will make nearly an average yield per acre. The drouth of



the past three weeks has greatly injured the growing oats and their condition is promising for more than three-fourths of an average yield per acre. Meadows and pastures have seldom been in poorer condition this early in the season. Field beans have made fair growth during the past month. The wool clip is about the same as last season. There will not be more than one-fourth of a crop of apples, cherries and peaches.

**EFFINGHAM**—The growing corn is unusually free from weeds, having been well cultivated. Fields adjoining wheat land are more or less injured by chinchbug. The prospect is good for nearly an average yield per acre. Broom corn and sorghum cane are looking very well. Winter wheat and rye promise about three-fourths of an average yield per acre. Oats will make an average yield per acre. The growth of tobacco has been rapid and vigorous. The drouth has more or less effected Irish and sweet potatoes, and their condition is not up to an average for July 1. The continued dry weather of the past two months has greatly reduced the prospect for hay, and the pastures are very short. Field beans and peas are in fair condition. The wool clip is about the same as last season. There was a fair yield of small fruits. The prospect for apples, peaches and pears is not as good as on June 1. There is an increased interest manifested in the improvement of all kinds of stock.

**FAYETTE**—Corn is generally clean, and but for the drouth and chinch-bug, a more than average crop might be expected. Broom corn and sorghum cane are doing fairly well. Wheat will yield about four-fifths of an average per acre. The same may be said of winter rye. Oats have been injured by the drouth, and will not make an average yield per acre. Irish and sweet potatoes are doing well. Meadows and pastures are not up to the average in condition for July 1. Field beans and peas are making good growth. The wool clip is about the same as last season. The fruit crop is not in as good condition as on June 1.

**FORD**—The condition of corn is considerably above the average for July 1. As yet no injury has been done to this crop by the drouth. Winter wheat and rye will make about four-fifths of an average yield per acre. The drouth has cut the oats crop short fully twenty per cent. The rains of to-day may improve their condition some. Meadows will not yield more than two-thirds of a crop of hay. Pastures are short, owing to the continued drouth. The dry grass seems nutritious and stock are doing well. Small fruits were almost a failure. Apples will not yield more than three-fourths of a crop. The wool clip is larger than that of last season.

**FRANKLIN**—The soil is in fine condition and corn has been well cultivated. And with the exception of here and there a field adjoining wheat, where the chinch-bug has damaged it, corn looks well. Broom corn and sorghum cane are not up to the average for July 1. Wheat will not make more than half an average yield per acre. The prospect for oats is the best known in this county for several years. Irish and sweet potatoes are doing well. Meadows and pastures are not quite up to an average for July 1, in conse-

quence of the dry spring. Field beans and peas have made unusual growth during the past month. The wool clip is somewhat less than that of last season. The condition of fruit is good.

**FULTON**—The growing crop is in splendid condition and the prospect is encouraging for more than an average yield per acre. Sorghum looks fairly well. Winter wheat and rye will make a full average yield per acre. Harvest began June 14. Spring wheat and oats will yield nearly an average per acre. Irish and sweet potatoes are hardly up to an average for July 1 in condition. Field beans and peas are doing well. Meadows and pastures have suffered to a considerable extent for the want of rain, during the past two months. The wool clip is about the same as last season. The fruit prospect is the poorest for years past.

**GALLATIN**—The growing corn is suffering very much for the want of rain. The soil is unusually free from weeds, having been well cultivated. The condition is nearly up to an average for this date. Sorghum cane is not in good condition. Winter wheat will make a little less than an average yield per acre. The oats crop is a little short, owing to the dry weather. Irish and sweet potatoes are in splendid condition. Meadows and pastures are not up to the average in condition for July 1. All kinds of vegetation has been more or less injured or damaged by the drouth. Field beans have made fair growth. The condition of late apples and peaches is good.

**GREENE**—Corn is in splendid condition. The growing crop has been well cultivated and is unusually free from weeds. Sorghum cane looks well. Winter wheat and rye will make more than an average yield per acre. Oats are in an average condition and will be ready for harvest much earlier than usual. Irish and sweet potatoes are in fair condition. Meadows and pastures are looking well, the season having been favorable to the growth of grasses. Field beans have made splendid growth during the past month. The fruit crop is only fair. The wool clip is not quite as large as that of last season. In no county in the State is more attention paid to the improvement of the various breeds of live stock.

**GRUNDY**—The growing corn is fully two weeks in advance of the usual condition for July 1. The soil is free from weeds and the drouth has not as yet done any damage. Sorghum cane is not up to the usual condition for July 1. Winter wheat and rye will make a little over four-fifths of an average yield per acre. Oats are a little short in straw but the heads are well filled and the prospect is good for an average yield per acre. Flax looks well. The Irish potato crop is in poor condition. Meadows and pastures have seldom been in as poor condition on July 1 as this season. The continued drouth having retarded the growth of all kinds of vegetation. There will be but little fruit of any kind. The wool clip is about the same as last season.

**HAMILTON**—Corn promised well until the recent drouth. The prospect is not encouraging more than four-fifths of an average yield per acre. The chinch-bug since harvest are damaging many fields. Broom corn and



sorghum cane are doing well. Winter wheat will not yield half a crop. Winter rye will make about three-fourths of a crop. The oats crop is better than for years past, and will make more than an average yield per acre. Owing to the drouth, tobacco has not made the usual growth for July 1. Irish and sweet potatoes are in fair condition. Field beans are looking well. The wool clip is ten per cent. short of that of last season. There will be a full crop of apples and peaches, but the fruit is not as large as usual. There is a gradual improvement in the breeds of live stock going on in this county.

HANCOCK—Corn has seldom been in better condition on July 1 than this season. The growing crop is at least two weeks in advance of the usual condition at this date. Broom corn and sorghum cane have made splendid growth during the past month. Winter wheat promises a larger yield than an average per acre. Winter rye is in very fair condition. Oats have been somewhat injured by the drouth. Irish and sweet potatoes are doing well. Meadows and pastures are not up to the average condition for July 1. The fruit prospect is not as good as on June 1. The late frosts in April have had the effect of causing the fruit to drop. The wool clip is nearly as large as last season.

HARDIN—The condition of the growing corn is considerably above the average. The soil is free from weeds and there has been abundance of rain. Broom corn and sorghum cane are doing well. Winter wheat and rye will not make more than three-fourths of an average yield per acre. The prospect for oats was never better. The yield per acre will be above the average. Tobacco has made splendid growth during the past month. Irish and sweet potatoes are in good condition. The condition of meadows and pastures is below the average for July 1; the drouth of last fall did great injury. The fruit crop is considerably better than that of last season. The wool clip is not as large as last year.

HENDERSON—The condition of corn is about the average for July 1. Sorghum cane has not made the usual growth for this date. Winter wheat will make about two-thirds of an average crop. Rye and spring wheat will make about four-fifths of an average yield per acre. The drouth has cut the oats crop short fully one-fifth of an average. Irish and sweet potatoes are in poor condition. Meadows and pastures have seldom been in worse condition on July 1. Vegetation of all kinds has suffered for the want of rain. The wool clip is about the same as last season. There will be but little fruit of any kind.

HENRY—The growing corn crop is in nearly an average condition for July 1, but is needing a good rain at this time. Broom corn and sorghum cane are not up to the average in condition for this date. Winter wheat and rye will make about three-fourths of an average yield per acre. Spring wheat, barley and oats are in poor condition, and not more than half a crop can be expected. Irish and sweet potatoes are suffering for want of rain, and will make but little over half a crop. Meadows and pastures are in poorer condition than ever known during the month of. The fruit crop will be almost a total failure. The wool clip is about the same as last season. The general outlook for

the farmer in this county is more discouraging than for any season for years past.

IROQUOIS—The growing corn crop is above an average in condition for July 1, is unusually free from weeds, having been well cultivated. In some portions of the county, the growth of corn has been checked by the drouth. Broom corn and sorghum cane are in splendid condition. Winter wheat will yield nearly an average per acre. The same may be said of winter rye. Spring wheat, oats and flax are in fair condition, but will hardly make an average yield per acre. Irish and sweet potatoes are not up to average condition for July 1. Owing to the continued drouth which has prevailed all spring, meadows will not yield more than two-thirds of a crop. Pastures are very short. Field beans and peas are doing well. The wool clip is fully twenty-five per cent. short of that of last season. The yield of strawberries was very large. Other small fruits were nearly a failure. There will be but few apples and pears.

JACKSON—The growing crop of corn is in very fair condition. Fields adjoining recently harvested wheat are being damaged by the chinch-bug. Sorghum cane has not done well. Winter wheat will make about two-thirds of an average yield per acre. Winter rye promises a full average yield per acre. The oats crop is the heaviest of any for years past, and a full average yield may be expected. Irish and sweet potatoes are doing well. Meadows and pastures are not up to the usual condition for July 1. Early apples are plentiful and of good quality. Other fruits were more less injured by the late frosts in April. The wool clip is considerably larger than that of last season.

JASPER—The drouth and chinch-bug have materially injured the growing corn. The prospect is not encouraging for more than three-fourths of an average yield per acre. Broom corn and sorghum cane are in poor condition. Winter wheat will not make more than three-fourths of an average yield per acre. The yield of winter rye will not exceed one-half of an average per acre. Oats are very heavy and are about ready for the sickle. Tobacco has not made the usual growth for July 1. Irish and sweet potatoes are not in good condition. There has been too little rain for the rapid growth of any kind of vegetation. Meadows and pastures are short. Apples during the past month have fallen badly and are blighted. There will be a few peaches. The wool clip is not as large as last season.

JEFFERSON—The condition of the growing crop of corn is very good with the exception of fields adjoining recently harvested wheat, where the chinchbugs have more or less damaged the plant. Sorghum cane is not up to the average condition for July 1. Winter wheat will not yield more than one-fourth of an average crop. Oats have been badly damaged by the chinchbug and their condition is not as good as usual on this date. Tobacco has made splendid growth during the past month. Irish and sweet potatoes promise a full average yield. Meadows and pastures are about up to the average for this season of the year. Field beans and peas are doing well. There will be a fair crop of apples, pears and peaches. The wool clip is not as large as that of last season.



**JERSEY**—The early planting of corn is in much better condition than the late. Owing to the extreme wet weather in May and the drouth during the past month, the general condition of the growing crop is only fair. Winter wheat has been harvested in good order and its general condition is better than for a number of years past on July 1. Rye promises an average yield per acre. Oats have been injured to some extent by the drouth. Irish and sweet potatoes are looking well. Meadows and pastures are lighter than at corresponding date last season. The apple crop will be almost an entire failure. The wool clip about the same as last season.

**JO DAVIESS**—Corn is fully ten days in advance of its usual condition July 1, but is now suffering for want of rain. Winter wheat will not make more than four-fifths of an average yield per acre. The same may be said of winter rye. Spring wheat, barley and oats have been greatly damaged by the drouth and do not promise more than two-thirds of an average yield per acre. The tobacco crop is in very poor condition. Meadows are badly dried up; many fields not worth cutting. The hay crop will not be more than one-fourth of an average. Pastures are almost entirely dead, and farmers are turning their stock in on meadow land. Field beans and peas, like all other vegetation are suffering for the want of rain. There will be but few apples and very little small fruit of any kind. The wool clip is about the same as last season.

**JOHNSON**—The condition of the growing corn is good. The season has been favorable to its cultivation, and the soil is unusually free from weeds. Broom corn and sorghum cane are looking well. Winter wheat and rye will make about three-fourths of an average yield per acre. Oats are a little short in the straw, owing to the drouth, but will make nearly an average yield per acre. Tobacco has not made the usual growth for July 1. Irish and sweet potatoes are in fine condition. There has not been sufficient rain to keep grasses growing, hence meadows and pastures are somewhat short. The fruit prospect is better than for several years past, especially the peach crop. The wool crop is about the same as last season.

**KANE**—The early planting of corn is tassled and is in fine condition. The late planting is uneven and has been injured by the drouth. The crop as a whole, has been well cultivated, and is in much better condition than at the same time last season. Broom corn is doing well. Winter wheat and rye will not make to exceed three-fourths of an average yield per acre. Spring wheat, barley and oats have been badly injured by the drouth, and not more than two-thirds of an average yield per acre can be expected. Irish potatoes are in poor condition. Meadows are nearly a failure. Scarcely any vegetation appearing above the surface. Grass of all kinds seem to be burned out. There will be a few apples and pears, but very little of any other kind of fruit.

**KANKAKEE**—Corn has made good growth and looks well. Many fields are in full tassell. Broom corn and sorghum cane have made the usual growth for July 1. Wheat harvest is in full blast and the prospect is good for more than an average yield per acre. Winter rye will make an average crop. Spring wheat, oats and flax have

been more or less injured by the drouth and do not promise more than three-fourths of an average yield per acre. Irish and sweet potatoes have made good growth and are in fair condition. Meadows will not produce more than two-thirds of a crop of hay. Pastures are in poor condition. There is very little appearance of life in grass of any kind. Field beans are doing well. There is a fair crop of summer apples but very little fruit of any other kind. The wool clip is about the same as last season.

**KENDALL**—The condition of corn is considerably in advance of an average for this time of year, but is suffering for the want of rain. Winter wheat and rye will not exceed two-thirds of an average yield per acre. Spring wheat and oats have been injured by the long continued drouth and will make but little over half an average yield per acre. Irish potatoes are in poor condition. Meadows will not yield more than a quarter of an average crop of hay. Pastures have the appearance of being dead. Fruit of all kinds is drying up and falling from the trees. But few apples remain. The wool clip is about the same as last season.

**KNOX**—The growing corn crop is looking well, and is in about the average condition for July 1. Broom corn and sorghum cane have made splendid growth during the past month. Winter wheat, rye and spring wheat will all make an average yield per acre. The prospect for oats is not good for more than two-thirds of an average yield per acre. The drouth has nearly ruined the prospect for Irish and sweet potatoes. Meadows and pastures are very short, the drouth having killed off the grass. Field beans are in fair condition. Small fruits yielded about a half a crop. The wool clip is nearly as large as last season.

**LAKE**—The early planting of corn looks well, but the general condition of the growing crop is not encouraging for more than three-fourths of an average yield per acre. Winter wheat and rye will make about four-fifths of an average yield per acre. Spring wheat, oats, barley and flax have all suffered for the want of rain and do not promise more than three-fourths of an average yield per acre. Irish potatoes have made fine growth during the past month. Meadows and pastures are in poor condition. Field beans and peas are doing well. The wool clip is not as large as that of last season. Fruit of all kinds have suffered from the drouth and is falling from the trees.

**LASALLE**—The season has been unusually favorable for the planting and cultivation of corn, and the condition of the crop is up to the average for July 1. The rains of to-day have greatly improved the prospect for every kind of crop. Broom corn and sorghum cane are doing well. Winter and spring wheat will yield nearly an average per acre. Winter rye will make about two-thirds of an average crop. Oats have not done well for want of rain; cannot make but little over half a crop. Irish potatoes are in poor condition. Meadows and pastures have seldom been in worse condition at this season of the year. Field beans and peas are doing well. There is very little fruit of any kind except berries. Apples will not yield one-fourth of a crop. The wool clip is about the same as last year.



**LAWRENCE**—Corn is generally in very good condition for the first of July. There is some complaint of chinch-bugs among the corn adjoining wheat fields. More care has been taken in the cultivation of corn than usual, this season. Broom corn and sorghum cane are looking well. Winter wheat will not make more than two-thirds of an average yield per acre. Oats harvest begins this week. The crop is unusually large and fine. Irish and sweet potatoes have made good growth during the past month. Meadows and pastures are doing well. Field beans have made splendid growth during the past month. There will be about a half crop of apples and a few peaches and pears. The wool clip is not quite as large as last season.

**LEE**—Corn has seldom been in better condition than this season: the prospect is encouraging for more than an average yield per acre. Sorghum cane is looking well. Winter wheat and rye will yield about four-fifths of an average crop. Spring wheat, barley and oats give encouragement for about four-fifths of an average yield per acre. Irish and sweet potatoes are not up to the average for July 1, in condition. Meadows and pastures are nearly all dried up. The drouth has been unusually severe for this season of the year. Field beans and peas are doing well. The fruit prospect is not as good as on June 1. The wool clip is about three-fourths as large as that of last season. Farmers are paying especial attention to the breeds of cattle and horses.

**LIVINGSTON**—The condition of corn is above the average for July 1. Broom corn and sorghum cane have not made rapid growth. Winter wheat and rye will make about four-fifths of an average yield per acre. Spring wheat, oats and flax have been somewhat injured by the drouth and are not in an average condition for this date. Irish and sweet potatoes are in poor condition and will yield but little over half an average crop. Meadows and pastures are very short. There has not been sufficient rain to keep grass growing. Field beans are looking well. The prospect for fruit is very poor. The wool clip is about ten per cent. short of that of last season.

**LOGAN**—Corn has made a strong vigorous growth and its general condition is considerably above the average for July 1. Sorghum cane is in fine condition. Winter wheat and rye will make about an average yield per acre. Many farmers will thresh this week. Oats have headed well, but the continued dry weather will prevent their filling. The prospect is not encouraging for more than four-fifths of an average yield per acre. Irish potatoes are in very poor condition. Sweet potatoes are looking well. Meadows and pastures are considerably below the average for this date. Field beans are doing well. The wool clip is about the same as that of last season. Much attention is given to the improvement of the various breeds of farm animals.

**MACON**—Corn has been well cultivated and is unusually clean. And has suffered very little from the drouth up to this date. Sorghum cane has made fine growth. Winter wheat and rye promise a full average yield per acre. Spring wheat and oats are a little short of an average, owing to a want of rain during the past month. There will

be a short crop of hay and pastures are in poor condition. Irish and sweet potatoes are considerably below the average for this date. The prospect for field beans is fair. The prospect for fruit is not as encouraging as on June 1. The frosts in April caused much of it to fall from the trees before ripening. The wool clip is about the same as last season. Every attention is paid to the improvement of all kinds of live stock.

**MACOUPIN**—The condition of corn is not as good as on June 1. The drouth has injured it considerably, and in fields adjoining wheat, the chinch-bug is working on the plant. Sorghum cane is in about the same condition as corn. Winter wheat will make an average yield per acre. The continued dry weather has prevented oats from filing well. The prospect is not encouraging for an average yield per acre. Tobacco is not up to the usual July 1 condition. Irish and sweet potatoes have made fair growth during the past month. Meadows and pastures are a little below the average for July 1. Field beans and peas are doing well. The fruit crop will be very short. The wool clip is not quite as large as that of last season. More attention is paid to the breeding of horses and cattle than usual.

**MADISON**—About one-half of the corn is in good condition, while the other half is small and making slow growth; much of it is weedy and in need of cultivation. Wheat harvest commenced June 13, and the prospect is encouraging for nearly an average yield per acre. The same may be said of winter rye. Broom corn and sorghum cane are in very fair condition. Oats were in splendid growing condition until wheat harvest, when the chinch-bug left the wheat fields and began to work the oats. Tobacco has made strong, vigorous growth, and is fully up to the average condition for July 1. Irish and sweet potatoes are doing well. Old meadows were injured by the drouth last fall, and are very weedy. The condition of new meadows is good. The continued dry weather is affecting the pastures more or less. Field beans are doing well. The wool clip is fully twenty-five per cent. less than that of last season. The fruit prospect is not encouraging. There will be but few winter apples.

**MARION**—Corn is free from weeds, the season having been favorable to its cultivation. The drouth has effected its condition somewhat, and the plant is not up to the average condition for June 1. The same may be said of broom corn and sorghum cane. Winter wheat and rye will not make more than one-half an average yield per acre. Oats and flax have made good growth and promise nearly an average yield per acre. There has not been sufficient rain to give potatoes the average growth for July 1. Meadows and pastures are somewhat backward. Field beans are doing well. The wool clip is about twenty per cent. short when compared with that of last season. The late frosts in April have caused fruit of all kinds to drop from the trees. Small fruits have made large yields.

**MARSHALL**—Corn up to the present time has made splendid growth, is free from weeds and its general condition is better than an average for July 1. The same may be said of sorghum cane. Winter wheat and rye promise nearly an average yield per acre.



Spring wheat, barley and oats have made fair growth, but are hardly up to the average condition for this date. Irish and sweet potatoes are doing well. Meadows and pastures are very short and the prospect is not encouraging for more than one-half of an average crop of hay. Field beans have made fair growth. The wool clip is about ten per cent. short of that of the past season. The fruit prospect is very poor. With the exception of raspberries, strawberries and grapes, there will be but little fruit.

MASON—The condition of corn is fair, the season having been favorable to its cultivation. But at this time it is suffering for rain. The same may be said of broom corn and sorghum cane. Winter wheat, rye and spring wheat all promise nearly an average yield per acre. Oats are short on account of the drouth and the prospect is not encouraging for more than four-fifths of an average yield per acre. The condition of Irish potatoes is much below the average for July 1. Sweet potatoes are doing well. Meadows and pastures have been more or less affected by the drouth and are in poor condition. Field beans and peas are not up to the usual condition for July 1. Small fruits and berries have yielded well. The late frosts in April have caused apples to drop from the tree. The wool clip is about the same as last season.

MASSAC—Corn looks well, having been well cultivated. The general condition is fully up to the average for July 1. Wheat harvest began June 10, and four-fifths of an average yield per acre may be expected. Rye promises an average yield per acre. Broom corn and sorghum cane have made splendid growth during the past month. The condition of oats was never better up to the first week in June, since which time there has been no rain and oats have gone backward very rapidly. Meadows and pastures are nearly up to the average in condition. Fruit of all kinds has yielded well except apples and pears. Field beans and peas are above the average in condition for July 1. The wool clip is about fifteen per cent. short of that of last season.

MCDONOUGH—The growing corn is in splendid condition having been well cultivated, and is free from weeds. A good rain is needed at this time. The same may be said of broom corn and sorghum cane. Winter wheat and rye promise about an average yield per acre. Spring wheat and oats have made splendid growth and a large yield may be expected. Irish and sweet potatoes are doing well. Meadows and pastures are light owing to the drouth. Field beans have made fair growth. The wool clip is about twenty-five per cent. less than that of last season. Small fruits have yielded well. There will be a light yield of apples and pears.

MCHEMRY—The general condition of corn has seldom been better on the first of July than this season. The growing crop is at least ten days in advance of the usual condition at this season of the year. Broom corn and sorghum cane have made splendid growth. Winter wheat and rye promise nearly an average yield per acre. Spring wheat, barley and oats have been seriously affected by the drouth, and not more than one-half an average yield per acre is expected. Flax has made fair growth. Tobacco

looks strong and vigorous. Irish and sweet potatoes are doing well. The prospect is not encouraging for more than half an average yield per acre of hay. Pastures are nearly ruined by the drouth and farmers are feeding hay, bran and shorts to their dairy cows. Field beans and peas have made the usual growth for July 1. The wool clip is nearly as large as that of last season. There are no cherries and but few apples. Raspberries, blackberries and grapes are yielding well.

MCLEAN—Corn is in good condition but is beginning to show the effects of the drouth. The same may be said of sorghum cane. Winter wheat and rye promise an average or better yield per acre. Spring wheat and oats are a little short in straw but the heads are large and well filled and nearly an average yield per acre may be expected. Irish and sweet potatoes have been more or less affected by the drouth. Meadows and pastures have seldom been in as poor condition on July 1 as this season. Hay harvest is nearly over and the crop is nearly fifty per cent. less than that of last season. There is a small yield of summer and fall apples but no winter apples. The small fruit crop has been cut short by the drouth. Field beans are in poor condition. The wool clip is nearly as large as that of last season.

MENARD—The growing corn is suffering for rain. Its general condition is nearly up to an average. The same may be said of sorghum cane. Winter wheat and rye promise an average or better yield per acre. The oats are a little short in the straw. The heads are large and nearly an average crop may be expected. Irish and sweet potatoes have made fair growth during the past month. Meadows will yield but little over half of an average crop per acre of hay. Pastures are in fair condition but are needing rain. The fruit crop is very short. The wool clip is about the same as that of last season.

MERCER—Corn has seldom been in as fine condition on July 1 as this season. The season has been favorable to its cultivation and growth. Broom corn and sorghum cane are about up to an average condition for July 1. Winter wheat and rye promise about four-fifths of an average yield per acre. Oats are short and light owing to the drouth. Not more than two-thirds of an average yield is expected. Irish and sweet potatoes have not made the usual growth for this date. Meadows and pastures have seldom been in poorer condition this early in the season. The small fruit crop is cut short by the drouth and there will be but little fall fruit of any description. The wool clip is about ten per cent. short of that of last season.

MONROE—Corn is in good condition, having been well cultivated, but is needing rain. Broom corn is below the average in condition for July 1. Wheat harvest began July 14. The average yield per acre will be about fifteen bushels. The quality is not up to the average. Oats are very short but the heads are well filled and nearly an average yield is expected. Irish and sweet potatoes are doing well. Meadows and pastures are in fine condition. There will be a large hay crop. There will be but few apples, but more peaches than for several years past. The wool clip is about the same as last season. Farmers are paying more attention



than usual to the improved breeds of cattle and hogs.

**MONTGOMERY**—The growing corn is a little backward but otherwise is in good condition. The crop having been better cultivated than usual. Broom corn and sorghum cane are in about the same general condition as corn. Winter wheat and rye promise full average yield per acre. Spring barley and oats have made fine growth during the past month and promise nearly an average yield per acre. Tobacco is a little backward but is in fine growing condition. Irish and sweet potatoes are doing well. The drouth has somewhat affected the condition of meadows and pastures. The yield per acre of hay will not reach an average. Field beans and peas are looking well. From some cause or other apples are falling from the trees. There are very few peaches. Pears will make an average yield. Blackberries and raspberries are suffering from the drouth. The wool clip is a little larger than that of last season.

**MORGAN**—The general condition of corn is above an average for July 1. The early corn is now tasseling. A good rain is needed. The same may be said of sorghum cane. Winter wheat promises a larger yield per acre than an average. Winter rye about an average yield per acre. Spring barley and oats are in fine condition. Irish and sweet potatoes are doing well. Clover meadows are in good condition but timothy is rather light. Pastures are suffering for rain. There will be very little fruit of any kind except grapes. An average crop of the latter fruit may be expected. Field beans are in average condition for July 1. The wool clip is not as large as last season.

**MOULTRIE**—Corn never looked better at this season of the year; the stand is good and the soil unusually free from weeds. The same may be said of broom corn and sorghum cane. Winter wheat promises nearly an average yield per acre. Oats are not quite up to the average for July 1, owing the cold dry weather early in the spring. Irish and sweet potatoes have suffered for the want of rain and are far below the average condition for July 1. The drouth has affected the condition of meadows and pastures. Fruit of all kinds is scarce. The wool clip is about the same as that of last season. Farmers are paying more attention to the improvement of all kinds of stock than usual.

**OGLE**—The general condition of the growing crop of corn is considerably above the average for July 1. The same may be said of broom corn and sorghum cane. Winter wheat and rye promise about four-fifths of an average yield per acre. Spring wheat and barley will make nearly an average yield per acre. The drouth has cut the oats crop very short. But little over one-half an average yield per acre is expected. Flax is doing well. Irish and sweet potatoes are not up to the usual condition for July 1, owing to the drouth. Meadows and pastures have seldom been in as poor condition at this season of the year. Vegetation of all kinds has suffered for the want of rain the past month. There is a fair prospect for apples and grapes. Small fruits dried up and did not make half a crop. Field beans and peas are looking well. The wool clip is about the same as that of last season. The farmers of

this county manifest great interest in the breeding of all kinds of improved stock.

**PEORIA**—The condition of corn has seldom been better at this season of the year. The growing crop is in tassel but needs rain. Winter wheat and rye promise nearly an average yield per acre. Spring wheat and oats have suffered from the drouth, and will not make more than two-thirds of an average yield per acre. But little over half an average crop of Irish and sweet potatoes is expected. Meadows and pastures are in very poor condition. Vegetation of all kinds has been dried up by the continued drouth. Field beans are in fair condition. The wool clip is hardly as large as last season. There will be a few apples and pears. But little fruit of any other kind.

**PERRY**—Corn is nearly up to the average condition for July 1. In some localities the growing crop is affected by the drouth and chinch-bug. Broom corn and sorghum are fully up to the average for July 1. Winter wheat promises but little over half an average yield per acre. Winter rye about four-fifths of an average yield per acre. Oats are about ready for harvest and will make nearly an average yield per acre. Tobacco has made rapid and vigorous growth during the past month. Irish and sweet potatoes are about an average in condition for July 1. Meadows and pastures are in fair condition, but are needing rain at this time. Field beans are doing well. The fruit yield will be better than that of last season.

**PIATT**—Corn, broom corn and sorghum cane are all in an average condition for July 1. The stand is good and the season has been favorable to their cultivation. Winter wheat and rye promise better than an average yield per acre. Oats and flax have made fair growth during the past month. Oats harvest will begin this week. Irish potatoes are considerably below the average for July 1 in condition. Sweet potatoes are doing well. Meadows are light and thin, owing to the drouth. Pastures are in poor condition. The wool clip is about the same as that of last season. With the exception of grapes there is very little fruit of any kind.

**PIKE**—The condition of the growing corn is fully two weeks earlier than usual. The stand is good and the soil clean. And its general condition is above the average for July 1. Sorghum cane is fully up to the average condition for this date. Winter wheat and rye promise an average or better yield per acre. Oats are a little short but are well headed and will make an average yield per acre. Oats harvest will commence this week. Irish and sweet potatoes are doing well. The yield of hay was not large but most of the crop has been harvested in good order. Pastures are a little short, owing to the drouth. There will be a fair yield of fruit. The wool clip is not quite as large as that of last season. More attention is given each succeeding year to the improvement of the breeds of live stock.

**POPE**—The growth of corn has been somewhat retarded by the drouth. The stand is good and the soil is free from weeds. Broom corn and sorghum cane have made the usual growth for July 1. Winter wheat does not promise more than three-fourths of an average yield per acre. Winter rye nearly an



average yield per acre. Oats are being harvested at this time. The straw is short but the heads are well filled. Tobacco has made splendid growth during the past month. Irish and sweet potatoes are doing well. Meadows and pastures are hardly up to the average condition for this date, owing to the drouth. The fruit prospect is better than that of last season. Field beans and peas are doing well. The wool clip is hardly as large as that of last season. Farmers are manifesting considerable interest in the improved breeds of cattle.

**PULASKI**—Corn is nearly up to the average condition for July 1. Much of it tasseling and some ears have formed. Sorghum cane is doing well. Winter wheat promises nearly an average yield per acre. Oats were sown in good time; grew very rapidly at the start but since the drouth set in have not done well. Not more than three-fourths of an average yield per acre can be expected. Tobacco has made fair growth during the past month. Irish and sweet potatoes are doing well. Meadows and pastures are in about the average condition for July 1. Field beans and peas are doing well. There is a fine crop of early apples, peaches and cherries. The strawberry yield was very large. The wool clip is about the same as last season.

**PUTNAM**—Corn has seldom been in better condition on July 1 than this season. The stand is good and the season has been favorable to its cultivation. Sorghum cane has not made the usual growth for July. Winter wheat and rye promise about four-fifths of an average yield per acre. Spring wheal is in good condition and promise an average yield. Oats are very short, owing to the drouth and not more than three-fourths of an average yield is expected. Irish and sweet potatoes are not up to the usual condition for this date. The hay crop is very short, and pastures have seldom been as poor on July 1. Field beans like all other vegetation are suffering for the want of rain. The wool clip is somewhat larger than that of last feason. There will be very little fruit of any description.

**RANDOLPH**—The general condition of corn is better than an average for July 1. The stand is good and the growing crop has been well cultivated. Broom corn and sorghum cane are in an average condition for July 1. Winter wheat and rye promise a full average yield per acre. Spring barley and oats have made splendid growth and an average yield per acre may be expected. Tobacco is in good condition. Irish and sweet potatoes are doing well. Meadows and pastures are a little short, owing to the want of rain. Field beans have made good growth. The fruit crop will be fair. There will be more peaches than for years past.

**RICHLAND**—The growing corn is in better condition than usual on the first of July. There is some complaint of chinch-bugs working the corn in fields adjoining wheat. Sorghum cane looks well. Winter wheat and rye promise nearly an average yield per acre. The prospect for oats was never better. A much larger than an average yield is expected. Irish and sweet potatoes are making splendid growth. The condition of meadows is fair. There has not been sufficient rain to keep grass growing during the past month. Field beans are above the

average in condition for July 1. The apple crop is more promising than last season. The wool clip is not as large as that of last season.

**ROCK ISLAND**—The condition of the growing corn is better than for a number of years past on the first of July. A good rain is needed at this time. Winter wheat and rye do not promise more than three-fourths of an average yield per acre. Spring wheat has not done well. But little over half a crop is expected. Spring barley and oats promise a fair yield per acre. Irish and sweet potatoes are nearly up to the average in condition for July 1. Meadows and pastures have seldom been in poorer condition on July 1. Field beans are doing well. The wool clip is about ten per cent. short of that of last season.

**SALINE**—Corn is in good condition having been thoroughly cultivated. Sorghum cane is not up to the average condition for July 1. Winter wheat promises about four-fifths of an average yield per acre. Oats are being harvested at this time and the yield will be about an average. Tobacco is not up to the average in condition for this date. Irish and sweet potatoes are doing well. Meadows and pastures are in fine condition. Field beans are making good growth. The wool clip is fully fifteen per cent. short of that of last season. The fruit prospect is about the same as last season at this date.

**SANGAMON**—The prospect for a large yield per acre of corn was never better than this season. The stand and color of the growing corn is good and the soil has been well cultivated. Broom corn and sorghum cane are in better condition than an average for this date. Winter wheat and rye have been harvested in good order, and promise an average or better yield per acre. In some sections of the county the drouth prevented the oats from filling, but the prospect is good for about an average yield per acre. The limited area devoted to tobacco in this county looks well. Irish potatoes have suffered for want of rain since the middle of June. Sweet potatoes are in good condition. Clover meadows are about an average in condition while timothy is considerably below the average. Pastures are failing very fast for the want of rain. Field beans are in good condition. The fruit crop is about the same as last season. Berries of all kinds have suffered for the want of rain. The wool clip is about ten per cent. short of that of last season. In no county in the state is more attention paid to the various breeds of farm animals, especially cattle and horses.

**SCHUYLER**—Corn is in very fair condition. The drouth has affected it in some localities but not seriously. Broom corn and sorghum cane have made the usual growth for this date. Winter wheat, rye and spring wheat all promise an average or better yield per acre. Oats are very rank and heavy and harvest is now going on. Irish and sweet potatoes have made good growth during the past month. Meadows are very short but the quality of the hay is good. Blue grass pastures have the appearance of being dead. Clover pastures are in good condition. Field beans are in an average condition for July 1. Small fruits and grapes promise a large yield. There will be very little fruit of any other description. The wool clip is nearly as large as that of last season.



**SCOTT**—The stand and color of corn is good, and unusually free from weeds. The general condition of the growing crop is below the average owing to the want of rain during the past month. Winter wheat and rye promise an average or better yield per acre. Oats are ready for harvest and promise a full crop. Irish potatoes have not done well owing to the drouth. Meadows are very short and the hay crop will not be more than two-thirds of that of last season. Pasturage shows the effect of the drouth. Grapes promise a large yield. There will be very little of any other kind of fruit. The wool clip is nearly as large as that of last season.

**SHELBY**—Since wheat harvest the chinch-bug has taken the corn adjoining wheat fields. The general condition is below the average. Many fields are nearly entirely destroyed. Sorghum cane and broom corn are making splendid growth. Wheat and rye have been harvested in good order; both crops promise an average or better yield per acre. Oats are ready for harvest but have been injured somewhat by the chinchbug. Flax has made good growth during the past month. The prospect is not as encouraging for Irish and sweet potatoes. Meadows were rather light owing to the drouth. Pastures have seldom been in poorer condition on the first of July. The prospect for fruit is not as encouraging as on the first of June. Field beans are doing well. The wool clip is a little larger than that of last season. Considerable interest is manifested in the improved strains of cattle.

**STARK**—Corn is above the average in condition and is fully two weeks in advance of the usual condition for July 1. Broom corn and sorghum cane have made the usual growth for July 1. Winter wheat and rye have been harvested in good order and promise about four-fifths of an average yield per acre. Spring wheat, barley and oats have been somewhat affected by the drouth, and promise about four-fifths of an average yield per acre. Irish and sweet potatoes have done very well during the past month. There has not been rain enough during the past month to give grass the usual growth, hence meadows and pastures are not up to the usual condition for July 1. Field beans and peas have made good growth. The wool clip is a little larger than that of last season. A partial failure of the fruit crop is largely due the drouth and the late frosts in April.

**ST. CLAIR**—The condition of corn is not encouraging. The drouth together with the chinch-bug is doing great damage. Broom corn is not up to the average for July 1. Wheat has been harvested in good order but the yield will not exceed three-fourths of an average per acre. Winter rye promise nearly an average yield per acre. Oats are unusually good, the straw is short but the heads well filled. Irish and sweet potatoes are in fair growing condition. Meadows and pastures are not in an average condition for July 1. Vegetation of all kind has suffered more or less from the continued drouth. Field beans are looking well. The wool clip is fully twenty per cent. less than that of last season. The yield of small fruits of all kinds has been light.

**STEPHENSON**—Corn has seldom been in better condition at this season of the year. The growth has been rapid, the color is good

and much of the early corn is in tassel. The rains during the last week in June have greatly improved its condition. Broom corn and sorghum cane are nearly up to the average for July 1. Winter wheat and rye promise but little over three-fourths of an average yield per acre. Spring wheat, barley and oats will not yield more than two-thirds of an average per acre. Tobacco has been injured by the drouth and is not in good condition. Irish and sweet potatoes have made good growth. Meadows and pastures were never in poorer condition on July 1. Many farmers are selling off their stock on account of the lack of feed. Field beans and peas are making good growth. There will be but little of any kind of fruit except grapes. The wool clip is hardly as large as that of last season.

**TAZEWELL**—Corn is not up to the usual condition for July 1. There was little or no rain during the first three weeks of June. Sorghum cane is in an average condition for July 1. Winter wheat and rye promise nearly an average yield per acre. Both have been harvested in good order. Spring wheat will make nearly an average yield per acre. Oats are rather short in the straw, owing to the dry weather. The prospect is not encouraging for more than two-thirds of an average yield per acre. Irish and sweet potatoes have not made the usual growth for July 1. Meadows and pastures are in very poor condition. Vegetation of all kinds has suffered during the past month for want of rain. The wool clip is about the same as last year. There will be about one-half a crop of apples and pears; but few peaches and a full crop of grapes.

**VERMILION**—The condition of corn is very good. The growing crop is fully two weeks in advance of the usual growth at this date. Broom corn and sorghum cane have made the usual growth for this date. Winter wheat and rye will make an average or better yield per acre. Spring wheat, oats and flax all promise a large yield. Irish and sweet potatoes are doing well but need rain. Meadows and pastures are a little light on account of the drouth. Field beans and peas are in an average condition for this date. The wool clip is a little larger than that of last season. The fruit prospect is very poor, but little of any kind remains on the trees.

**WABASH**—Corn is in good state of cultivation but has been injured by the chinch-bug and drouth. The prospect is not encouraging for more than three-fourths of an average yield per acre. Sorghum has made fair growth during the past month. Wheat harvest began June 15. The yield will be less than three-fourths of an average. The grain is not of good quality. Oats will make a fair average crop. Oats harvest began this week. Irish and sweet potatoes are not up to the average in condition for July 1. Meadows made a fair yield of good hay. Pastures are in poor condition. Field beans are not up to the usual condition for this date. There will be but little fruit of any kind. Farmers manifest a great interest in the improvement of farm animals of all kinds. The wool clip is not as large as last season.

**WARREN**—The condition of the growing corn is very good. Broom corn and sorghum cane have made splendid growth during the



past month. Winter wheat and rye promise nearly an average yield per acre. Both crops have been harvested in good order. The drouth has cut the oats crop short of an average. Tobacco has made strong, vigorous growth. Irish and sweet potatoes are not up to the average condition for July 1. Meadows and pastures have seldom been in poorer condition. The drouth has greatly damaged vegetation of all kinds. The fruit crop promises to be fair. Field beans and peas have made unusual growth during the past month. The wool clip is hardly as large as that of last season.

WASHINGTON—The chinch-bug and drouth have injured the prospect for an average yield per acre of corn. Broom corn and sorghum cane have not made the usual growth for July 1. Winter wheat and rye promise about four-fifths of an average yield per acre. Harvest began June 16 and both crops were cared for in good order. Oats promise a fair yield per acre. Irish and sweet potatoes have made fair growth during the past month. Meadows and pastures are light owing to the drouth. Vegetation of all kinds has suffered from the long continued drouth. Field beans and peas are nearly up to an average condition for July 1. The wool clip is about as large as that of last season. The fruit crop will be very light. There will be more peaches than for several years past.

WAYNE—The prospect for a good corn crop was never better up to wheat harvest, since which time the chinch-bug has been doing much damage to the growing corn. A good rain is needed to save the crop. Broom corn and sorghum cane have made very good growth during the past month. Winter wheat and rye do not promise more than one-third of an average yield per acre. Harvest began June 5. The quality of the wheat is not good. Oats harvest has just commenced and the prospect was never better for a larger than an average yield per acre. Tobacco looks well and has made fine growth during the past month. Irish and sweet potatoes are in fair average condition for July 1. There will be a large hay crop. Pastures are in fine condition. Field beans and peas are above the average in condition for July 1. The prospect for peaches is better than for several years past. Apples promise about three-fourths of an average crop. Small fruits have yielded well.

WHITE—Corn has been laid by in excellent condition but is suffering for the want of rain at this time. Broom corn and sorghum cane have made the usual growth for July 1. The winter wheat yield will be smaller than for many years past. Not more than a half crop is expected. Oats harvest has commenced and the yield will be much larger than the average. Irish and sweet potatoes are doing well. Meadows and pastures are in fair condition but suffering at this time from the drouth. Field beans and peas are looking well. The wool clip is about as large as that of last season. There will be a fair crop of peaches, but few apples. Small fruits have made large yields.

WHITESIDE—The condition of corn is very good but must have rain soon to assure the crop. Sorghum cane is in fine condition. Winter rye, spring wheat and barley will all make an average yield per acre. There will be but little over half a crop of oats. There has not been sufficient rain to keep meadows and pastures alive, hence their condition is much below the average for July 1. Irish potatoes are nearly a failure, owing to the

drouth. Field beans have made the usual growth for July 1. The wool clip is about the same as last season. With the exception of a few apples there will be little or no fruit.

WILL—Up to wheat harvest the growing corn was in splendid condition. Since that time it has been suffering for want of rain and its condition is not up to an average for July 1. Sorghum cane is in poor condition. Winter wheat, rye and spring wheat promise about four-fifths of an average yield per acre. Spring barley and oats have not done well and the crops will be short of an average. Flax and tobacco have not made the usual growth for July 1. Irish and sweet potatoes are only in fair condition; like all other vegetation they are suffering for want of rain. Meadows and pastures are about dried up. The late frosts in April have caused apples to drop from the trees. The fruit crop is almost a failure. Field beans and peas are making fair growth. The wool clip is fully twenty-five per cent. short of that of last season.

WILLIAMSON—The condition of the growing corn is considerably below the average. Since wheat harvest the chinch-bug has done much damage. Broom corn and sorghum cane have made fine growth during the past month. Wheat harvest began June 10. The yield will not exceed two-thirds of an average per acre. Winter rye will make an average yield per acre. The oats crop will be large and the yield much above the average. Cotton is in fair condition. Tobacco has not done well. Irish and sweet potatoes are in about the average condition for July 1. Meadows and pastures are a little short owing to the drouth. A good rain is needed to give life to all kinds of vegetation. Field beans and peas are doing well. The wool clip is twenty per cent. short of that of last season. The prospect for apples, peaches and pears is much better than for several years past. Small fruits have yielded well.

WINNEBAGO—The condition of corn has seldom been better at this season of the year. The stand is good and the season has been favorable to its cultivation. Sorghum cane has not done well. Winter wheat and rye promise about three-fourths of an average yield per acre. Spring wheat, barley and oats are all in poor condition, the drouth having checked their growth. Irish potatoes do not promise more than half a crop. Meadows and pastures have seldom been in poorer condition on July 1. Field beans are not doing well. The wool clip is fully one-third short of that of last season. Farmers are feeding their cattle hay. With the exception of grapes the fruit prospect is very poor. Grapes promise a large crop.

WOODFORD—The season has been very favorable to the cultivation of corn. The stand and color is good and with a good rain an average yield may be expected. Broom corn and sorghum cane have made the usual growth. Winter wheat and rye promise about four-fifths of an average yield per acre. Spring wheat, barley and oats are suffering from the drouth. Not more than two-thirds of an average yield per acre is expected. Irish and sweet potatoes are not doing well. Meadows and pastures have seldom been in poorer condition on July 1. Field beans and peas are making fair growth. The fruit crop is but little better than a failure. The wool clip is about the same as last season. Farmers are paying more attention than usual to the breeding of draft horses.



CONDITION OF CORN, JULY 1, 1887.

NORTHERN DIVISION.						CENTRAL DIVISION.						SOUTHERN DIVISION.													
COUNTIES.	Av. condition July 1.					Av. cond' on June 1, 1887.	Acreage '87 compared with 1886.	COUNTIES.	Av. condition July 1.					Av. cond' on June 1, 1887.	Acreage '87 compared with 1886.	COUNTIES.	Av. condition July 1.					Av. cond' on June 1, 1887.	Acreage '87 compared with 1886.		
	1887	1886	1885	1884	1883				1887	1886	1885	1884	1883				1887	1886	1885	1884	1883				
	1882	1882	1882	1882	1882				1882	1882	1882	1882	1882				1882	1882	1882	1882	1882				
Boone.....	99	102	95	83	80	96	73	76	107	100	104	96	80	95	73	66	Alexander.....	102	100	90	85	90	85	95	100
Bureau.....	94	99	108	98	88	101	90	50	110	109	97	105	83	93	67	55	Bond ..	93	99	83	99	90	90	92	93
Carroll.....	104	102	106	94	95	104	88	62	102	97	100	100	93	75	67	75	Clay.....	80	99	80	105	100	90	87	100
Cook.....	101	104	100	87	89	95	65	70	1	115	95	97	105	97	75	60	Clinton.....	90	100	80	95	90	76	71	90
DeKalb.....	101	105	95	99	97	106	85	75	102	100	103	103	100	100	80	65	Crawford.....	101	93	85	84	104	79	101	75
DuPage.....	100	109	75	92	96	98	75	75	101	102	93	93	82	117	94	38	Edwards.....	100	95	*89	92	100	100	100	75
Grundy.....	107	109	100	87	88	107	64	25	106	99	83	91	92	86	100	60	Effingham.....	102	95	90	96	94	91	58	80
Henry.....	100	90	98	82	75	104	82	50	98	101	99	101	86	86	92	64	Fayette ..	106	120	80	91	95	81	81	96
Iroquois.....	98	104	93	88	81	92	80	58	97	97	87	93	95	90	92	82	Franklin.....	105	100	96	91	111	100	66	87
JoDavies.....	102	111	106	101	100	105	60	60	97	107	96	110	86	100	97	60	Gallatin.....	107	100	95	110	112	96	82	76
Kane.....	101	97	92	94	93	93	68	70	110	103	90	115	88	78	80	50	Hamilton.....	109	97	86	95	100	97	62	83
Kankakee.....	102	105	106	105	91	99	73	45	104	104	88	102	103	96	98	75	Hardin .....	102	80	112	100	100	62	100	98
Kendall.....	99	99	93	85	87	95	64	72	96	106	103	92	92	93	80	56	Jackson.....	110	100	80	75	80	95	62	65
Knox.....	101	109	97	105	95	108	86	60	98	103	99	112	105	97	75	76	Jasper.....	97	94	75	89	87	70	102	75
Lake.....	102	101	72	82	75	93	73	76	99	111	116	105	95	110	70	39	Jefferson .....	111	109	88	95	100	80	90	85
LaSalle.....	94	103	98	89	85	93	72	54	98	96	92	100	80	75	92	72	Johnson..	105	106	103	96	113	79	86	90
Lee.....	98	102	105	89	93	104	80	71	98	107	114	163	95	104	81	66	Lawrence.....	97	93	95	96	105	96	89	75
Livingston .....	102	110	104	102	79	97	71	54	98	103	92	95	91	99	93	55	Madison.....	99	80	70	98	94	88	84	72
Marshall.....	102	110	102	97	85	109	85	55	101	105	86	80	90	84	69	55	Marion.....	79	97	87	87	87	92	70	86
McHenry.....	100	108	102	93	95	101	91	94	93	101	87	103	87	100	75	54	Massac.....	105	103	100	87	100	81	96	75
Mercer.....	96	107	112	100	86	100	90	58	100	104	97	96	75	100	75	37	Monroe.....	100	90	95	80	100	90	90	85
Ogle.....	97	105	111	93	92	99	74	72	99	109	90	106	84	91	85	58	Perry.....	110	100	90	67	101	92	80	104
Peoria.....	94	101	100	106	71	99	80	57	100	107	99	105	97	94	70	55	Pope.....	97	92	92	95	110	75	96	92
Putnam.....	100	106	102	93	79	105	92	80	103	99	90	96	86	84	92	84	Pulaski.....	100	104	105	100	103	85	100	82
Rock Island.....	101	103	106	79	82	98	86	61	105	110	105	97	103	92	81	48	Randolph .....	100	100	100	97	102	86	90	95
Stark.....	106	107	106	100	93	103	84	67	105	103	97	101	80	91	86	42	Richland.....	99	93	97	92	110	91	80	50
Stephenson.....	100	104	106	95	92	97	96	68	110	102	100	105	88	98	96	75	Saline .....	102	90	73	83	95	77	75	92
Warren.....	102	108	103	101	87	109	103	91	97	106	105	95	86	94	76	74	St. Clair.....	102	100	*93	110	100	92	95	100
Whiteside.....	100	92	92	77	100	93	75	60	100	103	97	104	100	93	84	60	Union.....	99	91	77	91	96	88	93	86
Will.....	95	93	91	103	91	91	75	78	102	105	95	102	85	93	83	33	Wabash.....	96	95	81	92	103	102	93	82
Winnebago .....	103	105	103	90	88	113	91	75	97	102	86	95	86	95	84	65	Washington...	107	81	82	84	92	102	79	76
Woodford.....	102	103	93	95	88	112	80	60	105	103	90	104	89	97	85	57	Wayne.....	107	99	99	94	97	75	96	85
Average....	100	103	99	93	88	100	80	64	102	105	95	103	100	90	95	66	White .....	106	100	78	85	103	80	86	83
									102	103	96	100	90	95	82		Williamson ...	101	97	89	91	99	85	86	81
									Average...								Average...								

\*Estimated.



CONDITION WINTER WHEAT JULY 1, 1887.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.							
COUNTIES.	Av. condition July 1.					COUNTIES.	Av. condition July 1.					COUNTIES.	Av. condition July 1.				
	Av. condition						Av. condition						Av. condition				
	April 1, 1887.	May 1, 1887.	June 1, 1887.	1886	1887		April 1, 1887.	May 1, 1887.	June 1, 1887.	1886	1887		April 1, 1887.	May 1, 1887.	June 1, 1887.	1886	1887
Boone .....	87	97	78	65	95	Adams .....	100	107	82	100	95	102	105	100	112		
Bureau .....	93	85	77	71	110	Brown .....	94	100	100	102	100	102	108	97	93		
Carroll .....	90	90	80	72	100	Calhoun .....	100	100	102	60	75	65	82	45	100		
Cook .....	90	92	100	92	90	Cass .....	99	103	102	100	100	90	90	95	117		
DeKalb .....	97	100	82	85	110	Champaign ..	110	102	102	102	100	*93	87	78	102		
DuPage .....	95	100	90	50	...	Christian .....	100	105	103	107	101	71	77	45	100		
Grundy .....	100	90	97	87	...	Clark .....	72	93	91	91	81	106	112	92	108		
Henderson ..	91	88	60	62	115	Coles .....	98	98	103	104	96	96	95	77	103		
Henry .....	60	78	70	70	90	Cumberland ..	104	104	110	95	95	66	91	74	137		
Iroquois ..	107	90	78	62	102	DeWitt .....	60	92	90	104	110	80	78	90	100		
Jo Daviess ..	98	90	83	93	103	Douglas .....	82	102	93	90	105	71	78	55	118		
Kane .....	102	80	82	73	193	Edgar .....	90	94	105	95	99	*81	100	87	121		
Kankakee ..	92	92	91	102	105	Ford .....	80	75	67	80	82	80	113	75	116		
Kendall .....	75	78	63	67	95	Fulton .....	90	100	88	143	106	85	95	87	112		
Knox .....	95	96	93	93	100	Greene .....	65	110	102	105	94	65	70	39	113		
Lake .....	110	92	90	85	125	Hancock .....	101	104	110	115	40	102	89	76	125		
LaSalle .....	91	82	76	91	102	Jersey .....	97	102	112	122	97	7	79	81	110		
Lee .....	95	94	70	88	99	Logan .....	94	101	106	103	106	75	86	92	103		
Livingston ..	71	75	72	67	102	Macon .....	94	95	97	100	108	20	87	59	112		
Marshall .....	90	90	65	80	120	Macoupin .....	93	97	99	100	85	18	95	45	115		
McHenry .....	95	*90	106	107	111	Mason .....	100	102	95	100	103	38	84	60	126		
Mercer .....	85	85	65	80	100	McDonough ..	95	117	100	103	101	45	57	60	109		
Ogle .....	87	92	80	84	105	McLean .....	93	93	93	103	109	42	77	70	103		
Peoria .....	95	77	92	90	97	Menard .....	98	105	107	107	105	70	100	96	107		
Putnam .....	95	90	78	81	105	Montgomery ..	98	109	104	102	95	9	78	87	115		
Rock Island ..	90	79	85	80	106	Morgan .....	100	99	106	112	105	56	73	73	125		
Stark .....	91	85	87	85	103	Moultrie .....	88	85	90	93	93	24	87	62	105		
Stephenson ..	100	93	72	81	106	Pike .....	100	112	109	113	73	55	100	88	133		
Warren .....	99	95	99	93	104	Platt .....	105	112	109	113	73	11	90	67	103		
Whiteside ..	100	90	*77	*77	109	Sangamon .....	104	104	106	102	111	45	85	70	104		
Will .....	82	98	95	83	110	Schuyler .....	100	101	95	105	103	55	80	45	115		
Winnebago ..	92	78	71	74	125	Scott .....	111	106	105	102	98	20	87	33	112		
Woodford ..	89	91	92	85	93	Shelby .....	98	103	106	103	102	4	49	29	110		
Average ..	92	88	82	81	104	Tazewell .....	92	97	95	99	102	50	67	38	115		
				100	87	Vermilion .....	92	100	100	102	103	50	74	42	48		
				68	87	Average .....	95	101	99	101	99	38	88	79	112		
				94	87									42	48		

\*Estimated.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.							
COUNTIES.	Av. condition July 1.					COUNTIES.	Av. condition July 1.					COUNTIES.	Av. condition July 1.				
	Av. condition July 1.						Av. condition July 1.						Av. condition July 1.				
	1887	1886	1885	1884	1883		1887	1886	1885	1884	1883		1887	1886	1885	1884	1883
Boone.....	105	102	94	64	91	Adams.....	96	95	95	88	94	Alexander.....	100	95	100	100	100
Bureau.....	102	89	83	78	101	Brown.....	100	100	100	100	100	Bond.....	100	100	100	100	100
Carroll.....	102	95	88	70	92	Calhoun.....	100	100	100	100	100	Clay.....	100	100	100	100	100
Cook.....	97	97	90	87	100	Cass.....	100	100	100	100	100	Clinton.....	100	100	100	100	100
DeKalb.....	113	108	90	75	92	Champaign.....	75	100	100	100	100	Crawford.....	100	100	100	100	100
DuPage.....	102	100	85	65	92	Christian.....	100	100	100	100	100	Edwards.....	100	100	100	100	100
Grundy.....	110	80	50	*71	100	Clark.....	100	100	100	100	100	Efingham.....	100	100	100	100	100
Henderson.....	103	93	70	82	95	Coles.....	100	100	100	100	100	Fayette.....	100	100	100	100	100
Henry.....	128	90	88	71	97	Cumberland.....	90	110	100	100	100	Franklin.....	100	100	100	100	100
Iroquois.....	110	105	88	83	90	DeWitt.....	120	90	100	100	100	Gallatin.....	100	100	100	100	100
JoDavies.....	107	100	95	65	84	Douglas.....	100	100	100	100	100	Hamilton.....	100	100	100	100	100
Kane.....	100	97	73	52	92	Edgar.....	100	100	100	100	100	Hardin.....	100	100	100	100	100
Kankakee.....	110	92	75	70	100	Ford.....	50	75	75	80	80	Jackson.....	100	100	100	100	100
Kendall.....	125	95	81	60	91	Fulton.....	95	95	92	80	100	Jasper.....	100	100	100	100	100
Knox.....	95	97	92	84	106	Greene.....	100	100	100	100	100	Jefferson.....	100	100	100	100	100
Lake.....	100	90	91	70	92	Hancock.....	100	100	100	100	100	Johnson.....	100	100	100	100	100
LaSalle.....	105	100	90	91	96	Jersey.....	100	100	100	100	100	Lawrence.....	100	100	100	100	100
Lee.....	106	92	93	93	94	Logan.....	110	70	95	70	95	Madison.....	100	100	100	100	100
Livingston.....	100	85	80	77	70	Macon.....	100	100	100	100	100	Marion.....	100	100	100	100	100
Marshall.....	110	92	90	85	100	Macoupin.....	100	100	100	95	100	Massac.....	100	100	100	100	100
McHenry.....	110	100	108	67	100	Mason.....	100	100	100	95	100	Monroe.....	100	100	100	100	100
Mercer.....	134	83	84	76	95	McDonough.....	102	100	100	97	90	Perry.....	100	100	100	100	100
Ogle.....	107	102	97	92	97	McLean.....	100	100	100	98	102	Pope.....	100	100	100	100	100
Peoria.....	97	85	82	60	102	Menard.....	100	100	100	100	100	Pulaski.....	100	100	100	100	100
Putnam.....	97	91	92	90	98	Montgomery.....	110	100	100	100	100	Randolph.....	100	100	100	100	100
Rock Island.....	109	95	85	50	94	Morgan.....	100	100	100	100	100	Richland.....	100	100	100	100	100
Stark.....	100	92	82	97	102	Moultrie.....	100	100	100	100	100	Saline.....	100	100	100	100	100
Stephenson.....	98	98	74	67	79	Piatt.....	100	100	100	100	100	St. Clair.....	100	100	100	100	100
Warren.....	98	98	95	87	101	Pike.....	100	100	100	100	100	Union.....	100	100	100	100	100
Whiteside.....	110	97	73	78	100	Sangamon.....	100	100	100	100	100	Wabash.....	100	100	100	100	100
Will.....	100	95	87	77	110	Schuyler.....	100	100	100	100	100	Washington.....	100	100	100	100	100
Winnebago.....	102	100	85	63	94	Scott.....	100	100	100	100	100	Wayne.....	100	100	100	100	100
Woodford.....	102	95	87	60	97	Shelby.....	100	100	100	100	100	White.....	100	100	100	100	100
Average.....	106	94	85	75	95	Tazewell.....	100	100	100	100	100	Williamson.....	100	100	100	100	100
						Vermilion.....	100	100	100	100	100	Average.....	100	95	100	100	100

\*Estimated.



## ACREAGE AND CONDITION OF OATS, JULY 1, 1887.

## CROP REPORT.

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NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.									
COUNTIES.	Av. condition July 1					COUNTIES.	Av. condition July 1					COUNTIES.	Av. condition July 1																
	Av. cond'n. with 1886.	May 1, 1887.	Av. cond'n June 1, 1887.	1887	1886		1885	1884	1883	Av. cond'n. with 1886.	May 1, 1887.		Av. cond'n June 1, 1887.	1887	1886	1885	1884	1883	Av. cond'n. with 1886.	May 1, 1887.	Av. cond'n June 1, 1887.	1887	1886	1885	1884	1883			
Boone .....	102	102	99	50	80	93	105	105	Adams.....	103	93	100	99	91	100	96	95	Alexander.	100	97	95	99	99	60	105	100			
Bureau.....	107	86	72	57	84	97	100	106	Brown.....	95	75	100	88	90	100	92	100	Bond.....	127	92	107	84	103	107	102	111			
Carroll.....	101	97	88	62	75	95	100	108	Calhoun.....	95	82	101	90	97	95	100	100	Clay.....	116	100	100	87	97	103	93	100			
Cook.....	104	96	91	71	83	99	83	105	Cass.....	104	94	101	97	94	105	106	102	Clinton.....	100	95	110	95	110	101	103	115			
Dekalb.....	102	102	81	52	86	95	101	105	Champaign.....	109	96	91	88	93	90	104	102	Crawford.....	113	89	98	100	73	108	98	101			
DuPage.....	95	90	62	33	78	90	72	100	Christian ..	104	96	103	93	80	84	92	104	Edwards.....	120	100	120	*106	105	95	100	100			
Grundy ..	115	82	75	97	79	68	105	84	Clark.....	107	92	100	90	70	100	101	101	Efingbam ..	126	101	107	96	83	105	96	110			
Henderson.	103	87	70	80	70	94	103	100	Coles.....	105	90	85	86	90	100	86	116	Fayette.....	114	106	160	88	94	102	77	112			
Henry ..	99	67	84	46	87	99	107	108	Cumberland...	102	92	105	79	80	107	95	103	Franklin.....	119	97	101	101	79	77	107	111			
Iroquois.....	105	90	90	85	82	96	104	102	DeWitt.....	101	80	90	78	100	106	106	100	Gallatin.....	95	95	90	85	87	85	96	95			
JoDavies.....	100	97	93	56	66	96	104	90	Douglas.....	107	90	83	75	82	100	85	105	Hamilton.....	144	94	110	108	95	100	105	110			
Kane .....	98	96	68	33	92	99	83	100	Edgar.....	104	83	91	78	86	110	99	105	Bardin.....	160	110	100	112	91	78	95	100			
Kankakee.....	107	97	92	81	102	85	95	103	Ford.....	102	87	87	82	72	90	90	83	Jackson.....	117	97	115	100	100	80	100	102			
Kendall..	98	82	61	46	78	82	98	96	Fulton.....	107	95	91	95	93	102	102	102	Jasper.....	115	100	93	90	77	100	80	115			
Knox.....	108	92	91	67	97	100	104	97	Greene.....	104	98	102	99	97	99	107	103	Jefferson.....	136	96	119	85	89	115	102	100			
Lake .....	104	90	89	62	85	88	85	99	Hancock.....	107	97	96	95	86	105	95	100	Johnson.....	105	91	86	87	92	87	111	96			
LaSalle ..	98	86	75	58	78	79	90	88	Jersey.....	95	83	95	85	86	90	92	106	Lawrence.....	105	94	104	100	87	97	100	83			
Lee.....	102	92	91	83	89	94	101	104	Logan .....	106	95	97	80	95	100	102	100	Madison.....	103	100	100	78	74	105	93	108			
Livingston ..	103	100	86	84	74	70	92	85	Macon.....	124	92	95	78	93	96	97	96	Marion.....	141	104	117	97	85	102	97	105			
Marshall.....	104	87	75	72	90	100	112	103	Macoupin....	100	88	93	95	64	92	95	98	Massac.....	113	103	97	65	92	100	96	102			
McHenry.....	97	100	97	55	100	97	103	105	Mason .....	102	93	87	82	97	100	102	100	Monroe.....	110	100	100	90	80	102	100	103			
Mercer .....	104	75	86	67	80	95	105	105	McDonough...	120	93	96	93	92	95	100	110	Perry.....	112	100	105	87	90	101	109	100			
Ogle.....	108	98	85	53	85	102	98	105	McLean.....	98	88	98	89	89	100	101	95	Pope.....	107	97	94	102	97	95	100	93			
Peoria .....	102	63	75	65	96	92	102	96	Menard.....	103	95	95	87	87	102	99	100	Pulaski .....	107	83	78	75	95	90	100	100			
Putnam .....	105	84	77	76	88	92	105	102	Montgomery ..	105	105	97	97	88	98	99	106	Randolph.....	125	97	167	110	100	107	100	103			
Rock Island...	104	86	88	70	79	92	100	107	Morgan.....	101	99	100	106	90	107	100	101	Richland.....	112	97	110	107	85	99	95	103			
Stark .....	104	91	89	79	100	100	106	100	Moultrie.....	112	85	95	82	86	99	97	106	Saline.....	107	87	97	97	102	100	100	96			
Stephenson...	102	93	74	63	81	96	102	103	Piatt.....	110	97	95	87	93	98	100	101	St. Clair.....	107	80	105	97	92	107	91	108			
Warren .....	106	94	92	79	92	97	103	100	Pike.....	112	87	90	95	87	99	107	106	Union.....	105	90	105	*99	98	82	102	98			
Whiteside ..	122	82	73	55	77	95	105	110	Sangamon.....	112	94	98	97	94	97	103	110	Wabash.....	107	90	102	97	79	99	96	90			
Will.....	102	94	85	72	100	78	87	106	Schuyler.....	107	86	105	96	97	95	102	107	Washington...	122	98	110	91	82	102	107	105			
Winnebago....	104	97	81	42	84	100	97	110	Scott.....	95	94	96	92	77	105	100	97	Wayne.....	131	94	107	111	91	98	91	100			
Woodford ...	98	95	88	61	82	93	113	96	Shelby.....	100	87	102	86	98	100	102	108	White.....	109	92	110	110	102	97	90	100			
Average.....	103	90	82	64	85	92	99	101	Tazewell.....	107	98	95	66	88	99	104	95	Williamson...	107	94	105	108	90	89	105	97			
									Vermilion.....	105	100	100	86	97	100	122	114	Average.....	114	96	103	95	91	96	98	102			

\* Estimated.



CROP REPORT.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.												
COUNTIES.										COUNTIES.										COUNTIES.												
Av. condition July 1.										Av. condition July 1.										Av. condition July 1.												
1887	1886	1885	1884	1883	1882	Av. cond'n April 1, 1887	Av. cond'n May 1, 1887	Av. cond'n June 1, 1887	1887	1886	1885	1884	1883	1882	Av. cond'n April 1, 1887	Av. cond'n May 1, 1887	Av. cond'n June 1, 1887	1887	1886	1885	1884	1883	1882	Av. cond'n April 1, 1887	Av. cond'n May 1, 1887	Av. cond'n June 1, 1887	1887	1886	1885	1884	1883	1882
Boone.....	99	100	97	100	99	100	100	95	102	100	100	87	75	70	Alexander..	100	105	100	100	60	90	95	115	100	100	100	100	100	100	95	115	
Bureau.....	93	92	100	92	110	93	100	90	100	100	85	95	82	105	Bond.....	105	110	90	85	50	95	72	100	100	100	100	100	100	95	72	100	
Carroll.....	97	102	99	102	110	100	100	100	75	100	60	100	100	100	Clay.....	68	95	80	57	10	77	80	90	100	100	100	100	100	77	80	90	
Cook.....	97	90	92	90	96	100	100	100	100	97	100	100	100	100	Clinton....	90	90	100	90	100	97	90	115	100	100	100	100	100	90	93	115	
DeKalb.....	103	92	100	92	83	100	100	100	100	100	80	92	100	103	Crawford...	100	85	95	84	77	75	76	99	100	100	100	100	100	75	76	99	
DuPage.....	82	87	92	87	105	102	104	94	99	94	63	80	98	100	Edwards....	* 75	105	101	81	55	90	95	100	100	100	100	100	100	90	95	100	
Grundys.....	100	89	85	85	75	80	97	92	89	81	33	53	52	113	Effingham..	100	105	101	81	66	91	80	106	100	100	100	100	100	55	91	106	
Henderson...	97	97	87	87	103	105	107	107	100	96	76	95	76	102	Fayette....	103	100	88	80	42	52	54	98	100	100	100	100	42	52	54	98	
Henry.....	89	92	97	92	103	85	97	86	94	105	68	87	82	103	Franklin....	* 81	90	* 96	* 86	75	37	83	100	100	100	100	100	100	75	37	83	100
Iroquois.....	96	93	92	92	103	105	107	107	100	100	100	87	82	103	Gallatin....	* 87	100	100	70	42	75	55	100	100	100	100	100	100	42	75	55	100
JoDavies...	97	103	92	92	103	90	100	84	75	97	77	87	75	100	Hamilton....	* 87	100	100	75	50	50	55	100	100	100	100	100	100	50	55	100	100
Kane.....	98	96	86	95	105	93	87	100	* 92	102	85	100	80	100	Hardin.....	* 87	100	100	75	50	50	65	100	100	100	100	100	100	50	65	100	100
Kankakee...	96	93	92	92	105	90	87	84	93	92	85	100	60	100	Jackson....	100	100	110	100	50	50	65	100	100	100	100	100	100	50	65	100	100
Kendall.....	93	95	97	94	102	95	95	81	92	96	90	91	90	94	Jasper.....	93	95	92	45	80	80	57	106	100	100	100	100	100	80	57	106	100
Knox.....	95	99	95	97	85	102	100	105	100	105	100	90	67	107	Jefferson...	50	85	100	103	60	73	100	90	100	100	100	100	100	73	100	90	100
Lake.....	110	96	93	96	105	103	100	78	87	85	100	95	90	94	Johnson....	100	90	90	73	97	75	50	106	100	100	100	100	100	75	50	106	100
LaSalle.....	88	87	93	94	97	* 99	100	100	100	100	75	100	86	100	Lawrence...	* 88	90	95	90	60	75	100	105	100	100	100	100	100	60	75	105	100
Lee.....	97	96	102	92	101	100	100	100	97	104	95	93	86	100	Madison....	100	90	95	90	75	80	75	100	100	100	100	100	100	75	75	100	100
Livingston...	96	92	82	82	83	* 97	100	100	100	100	90	93	83	100	Marion....	85	82	82	50	70	100	70	100	100	100	100	100	100	70	70	100	100
Marshall.....	84	95	87	86	99	95	97	100	* 98	87	92	100	90	75	Massac.....	95	80	105	95	102	80	70	100	100	100	100	100	100	80	70	100	100
McHenry.....	95	100	82	85	85	100	100	93	90	100	95	100	97	89	Monroe....	* 91	98	100	92	75	66	61	103	100	100	100	100	75	66	61	103	
Mercer.....	90	84	77	76	85	100	100	86	90	100	82	95	100	100	Perry.....	77	90	95	87	75	67	50	100	100	100	100	100	75	67	50	100	
Ogle.....	97	97	92	89	102	95	95	91	85	98	77	92	92	87	Pope.....	* 92	90	* 97	90	85	95	50	100	100	100	100	100	100	95	50	100	100
Peoria.....	97	90	80	80	96	100	100	100	100	100	97	95	80	100	Pulaski....	100	100	* 98	98	90	90	100	100	100	100	100	100	100	90	90	100	100
Putnam.....	96	91	84	86	103	100	100	100	98	103	49	70	95	97	Randolph...	87	100	97	100	88	80	80	100	100	100	100	100	100	88	80	100	100
Rock Island..	92	86	85	72	85	92	86	100	100	100	88	100	86	100	Richland...	90	95	105	90	67	70	42	107	100	100	100	100	67	42	107	100	
Stark.....	93	90	80	86	98	* 97	100	93	95	98	75	87	87	91	Saline.....	* 89	100	* 87	87	60	75	80	120	100	100	100	100	60	75	80	120	
Stephenson..	100	99	79	77	95	100	100	97	100	100	102	94	87	96	St.Clair....	100	100	100	95	55	95	92	98	100	100	100	100	55	95	92	98	
Warren.....	99	98	99	95	100	105	100	97	100	95	78	97	91	102	Union.....	* 84	100	100	100	64	100	86	80	100	100	100	100	100	86	80	100	100
Whiteside ..	100	95	90	90	100	95	100	100	100	100	87	95	100	99	Wabash....	85	95	103	80	67	75	62	80	100	100	100	100	67	75	62	80	
Will.....	85	99	74	100	96	95	100	97	100	100	96	90	92	100	Washington	60	65	25	25	30	60	10	110	100	100	100	100	30	60	10	110	
Winnebago...	90	102	87	97	125	100	100	100	97	96	83	90	92	100	Wayne.....	* 80	60	* 62	* 50	75	50	75	100	100	100	100	100	75	50	75	100	100
Woodford....	91	97	94	103	94	103	104	97	100	99	62	98	82	102	White.....	90	95	87	95	100	50	100	100	100	100	100	100	100	50	100	100	100
Average....	95	95	94	95	99	95	99	96	95	93	80	90	85	97	Williamson..	88	92	92	81	60	81	74	101	100	100	100	100	60	81	74	101	101

\*Estimated.



CONDITION OF MEADOWS, JULY 1, 1887.

NORTHERN DIVISION.						CENTRAL DIVISION.						SOUTHERN DIVISION.									
COUNTIES.	Av. condition July 1.					COUNTIES.	Av. condition July 1.					COUNTIES.	Av. condition July 1.								
	Av. cond'n pared 1886.						Av. cond'n pared 1886.						Av. cond'n pared 1886.								
	1887	1886	1885	1884	1883		1887	1886	1885	1884	1883		1887	1886	1885	1884	1883				
Boone.....	60	28	92	87	102	101	Adams.....	75	80	94	100	100	Alexander.....	100	100	80	110	80	103	100	85
Bureau.....	49	34	88	90	100	87	Brown.....	90	85	100	98	105	100	Bond.....	91	91	75	93	90	107	86
Carroll.....	58	45	96	92	102	105	Calhoun.....	102	97	90	83	90	105	Clay.....	95	60	76	77	87	93	80
Cook.....	72	66	98	76	86	84	Cass.....	98	96	71	100	100	100	Clinton.....	60	60	65	60	90	100	87
DeKalb.....	100	32	96	88	95	98	Champaign.....	100	90	75	90	100	103	Crawford.....	99	95	80	79	85	95	92
DuPage.....	57	25	90	91	67	110	Christian.....	92	89	91	96	102	101	Edwards.....	90	80	83	92	45	100	110
Grundy.....	70	30	76	72	105	85	Clark.....	100	90	73	90	87	118	Efingham.....	107	101	87	83	89	98	102
Henderson.....	80	45	72	80	101	100	Coles.....	90	94	65	80	95	100	Fayette.....	107	103	84	80	100	93	100
Henry.....	100	41	87	85	92	108	Cumberland.....	101	92	84	92	95	101	Franklin.....	93	91	79	101	66	102	70
Iroquois.....	74	66	78	92	84	97	Dewitt.....	95	87	97	101	107	162	Gallatin.....	100	90	85	160	83	99	75
Jo Daviess.....	98	71	24	87	104	105	Douglas.....	105	97	63	90	87	95	Hamilton.....	102	96	88	95	55	104	78
Kane.....	97	42	95	79	77	102	Edgar.....	89	94	62	85	79	96	Hardin.....	95	97	80	100	67	100	100
Kankakee.....	71	75	95	84	96	113	Ford.....	101	77	65	69	87	107	Hackson.....	100	100	60	95	100	100	92
Kendall.....	54	23	88	77	86	106	Fulton.....	97	80	67	82	94	102	Jasper.....	101	85	55	71	83	75	88
Knox.....	59	31	86	87	106	97	Greene.....	92	102	91	102	105	93	Jefferson.....	112	99	83	86	77	106	94
Lake.....	79	80	103	85	90	107	Hancock.....	92	88	77	77	100	105	Jefferson.....	87	80	81	94	92	86	80
LaSalle.....	45	35	91	79	94	101	Logan.....	97	101	87	100	97	101	Lawrence.....	101	44	83	82	82	103	92
Lee.....	57	46	97	89	97	103	Macon.....	95	89	58	80	97	101	Madison.....	99	98	90	100	98	103	80
Livingston.....	59	38	76	75	99	110	Mason.....	97	96	63	89	110	88	Marion.....	105	103	79	83	65	107	98
Marshall.....	50	57	83	95	103	106	Macoupin.....	94	88	80	83	87	106	Massac.....	100	80	90	92	100	86	40
McHenry.....	90	45	103	92	92	112	Mason.....	95	92	70	97	100	102	Monroe.....	110	100	100	100	100	100	80
Mercer.....	52	39	80	89	95	103	McDonough.....	96	88	77	76	105	110	Perry.....	100	90	70	87	79	101	66
Ogle.....	80	37	102	98	102	106	McLean.....	96	77	54	85	90	106	Pope.....	105	95	82	86	115	100	86
Peoria.....	59	45	79	77	100	102	Menard.....	97	82	62	96	95	101	Pulaski.....	100	70	97	90	89	110	96
Putnam.....	52	34	94	84	100	107	Montgomery.....	100	103	83	94	94	102	Randolph.....	100	84	87	100	63	105	82
Rock Island.....	74	55	83	88	94	105	Morgan.....	96	85	87	93	101	104	Richland.....	97	91	65	97	95	98	86
Stark.....	63	60	93	93	79	106	Moultrie.....	90	82	73	83	94	106	Saline.....	105	82	80	100	72	100	80
Stephenson.....	49	30	96	89	103	96	Piatt.....	100	100	85	75	103	102	St. Clair.....	90	82	80	100	100	105	77
Warren.....	69	54	94	97	109	101	Pike.....	80	82	80	91	94	93	Union.....	102	97	85	69	90	95	86
Whiteside.....	43	48	95	100	105	87	Sangamon.....	94	96	68	95	92	103	Wabash.....	100	82	85	85	88	100	80
Will.....	78	55	98	84	84	95	Schuyler.....	100	87	82	98	93	95	Washington.....	100	82	85	77	80	102	70
Winnebago.....	60	40	95	87	110	108	Scott.....	91	94	69	106	112	103	Wayne.....	101	96	96	102	75	88	66
Woodford.....	78	39	97	92	107	105	Shelby.....	97	110	71	91	87	105	White.....	96	87	88	102	80	107	85
Average.....	62	43	90	86	96	99	Tazewell.....	90	85	50	85	92	105	Williamson.....	97	97	91	87	80	107	85
							Vermilion.....	85	95	65	75	100	115	Average.....	99	90	82	89	84	99	85
							Average.....	95	90	72	88	93	102								

\*Estimated.



CONDITION OF PASTURES, JULY 1, 1887.

NORTHERN DIVISION.										CENTRAL DIVISION.										SOUTHERN DIVISION.																			
COUNTIES.					Av. condition July 1.					COUNTIES.					Av. condition July 1.					COUNTIES.					Av. condition July 1.														
Ac. '87 com- pared 1886.					Av. cond'n June 1, 1887.					1887					1886					1885					1884					1883					1882				
Boone.....	100	71	24	92	100	109	105	108	102	Adams.....	100	102	81	97	100	98	100	77	Alexander.....	100	97	79	105	90	99	102	96												
Bureau.....	101	58	39	89	103	105	105	109	80	Brown.....	90	80	82	90	100	98	106	95	Bond.....	103	98	84	105	110	106	105	92												
Carroll.....	91	70	31	92	102	107	103	103	100	Calhoun.....	112	94	82	95	87	100	100	105	Clay.....	96	94	83	82	88	92	100	100												
Cook.....	100	75	52	90	84	85	104	85	100	Cass.....	102	100	61	98	104	112	106	105	Clinton.....	100	110	90	100	100	103	120	117												
DeKalb.....	100	74	27	97	95	100	99	102	95	Champaign.....	102	92	67	85	90	105	100	93	Crawford.....	102	96	77	87	90	100	109	99												
DuPage.....	101	59	13	92	100	75	110	100	100	Christian.....	101	95	74	99	93	97	110	102	Edwards.....	105	90	*80	90	50	102	100	110												
Grundy.....	95	64	22	72	75	104	102	85	100	Clark.....	103	92	71	97	102	97	94	114	Efingham.....	102	102	77	92	92	95	95	99												
Henderson.....	100	80	62	75	94	103	100	105	100	Coles.....	94	100	69	90	100	102	100	100	Fayette.....	102	102	72	92	103	94	105	103												
Henry.....	101	50	19	86	100	102	110	100	100	Cumberland.....	107	105	70	92	100	102	115	100	Franklin.....	99	93	85	92	76	105	105	100												
Iroquois.....	98	77	58	89	91	99	108	97	98	DeWitt.....	98	88	53	101	101	110	108	85	Gallatin.....	100	92	60	93	93	95	100	95												
JoDavies.....	97	81	17	78	89	106	110	104	98	Douglas.....	98	100	53	97	103	97	100	100	Hamilton.....	99	99	94	100	85	106	116	106												
Kane.....	99	40	19	95	93	76	106	104	92	Edgar.....	92	96	55	97	97	93	100	97	Hardin.....	97	95	97	96	63	100	100	96												
Kankakee.....	99	85	47	99	94	102	112	85	106	Ford.....	106	85	63	82	99	106	105	106	Jackson.....	100	110	100	92	100	100	102	100												
Kendall.....	100	51	22	81	91	87	109	93	96	Fulton.....	96	85	66	82	97	104	104	105	Jasper.....	103	100	50	83	97	75	105	96												
Knox.....	101	76	40	90	96	104	114	97	100	Greene.....	100	107	100	110	105	103	105	88	Jefferson.....	105	107	90	95	83	103	100	96												
Lake.....	101	79	60	98	97	97	107	100	102	Hancock.....	102	101	83	90	100	100	105	107	Jefferson.....	100	92	76	97	103	84	83	83												
LaSalle.....	102	54	26	95	82	93	103	98	100	Harvey.....	100	102	100	100	97	110	103	85	Lawrence.....	101	97	82	82	87	100	100	100												
Lee.....	101	57	36	91	98	101	107	105	98	Logan.....	98	97	44	96	100	104	104	99	Madison.....	100	98	78	100	102	97	106	92												
Livingston.....	97	56	40	80	75	102	116	90	97	Macon.....	97	98	44	98	90	109	103	92	Marion.....	97	102	81	95	83	98	90	90												
Marshall.....	95	67	50	88	85	104	105	96	100	Macoupin.....	100	95	85	95	96	105	118	86	Massac.....	108	100	75	92	100	95	109	75												
McHenry.....	100	95	45	102	99	97	106	111	97	Mason.....	97	95	60	97	100	105	100	82	Monroe.....	100	100	70	100	100	100	105	96												
Mercer.....	100	76	31	77	97	97	108	90	99	McDonough.....	99	104	72	90	110	120	120	102	Perry.....	103	97	82	90	96	101	106	103												
Ogle.....	100	82	27	98	102	101	111	106	102	McLean.....	99	86	27	90	99	107	101	94	Pope.....	102	99	78	87	110	100	100	99												
Peoria.....	101	65	35	87	94	100	100	101	100	Menard.....	102	88	74	102	102	106	102	100	Pulaski.....	100	90	87	105	101	100	113	100												
Putnam.....	100	75	32	102	100	107	114	104	101	Montgomery.....	101	100	85	100	102	102	102	105	Randolph.....	110	90	90	90	97	104	105	100												
Rock Island.....	100	79	52	71	91	100	112	89	100	Morgan.....	94	96	86	102	106	104	110	96	Richland.....	101	91	70	72	100	96	103	92												
Stark.....	100	75	55	94	88	100	106	100	100	Moultrie.....	100	98	67	93	100	107	102	92	Savine.....	95	93	85	98	90	100	100	100												
Stephenson.....	100	65	27	84	97	101	102	92	92	Piatt.....	92	100	57	93	103	103	105	100	St. Clair.....	110	105	72	95	98	100	102	115												
Warren.....	94	86	48	90	103	110	110	99	101	Pike.....	101	95	90	102	100	99	104	97	Union.....	105	95	*83	100	87	102	100	85												
Whiteside.....	100	53	50	95	102	105	115	87	97	Sangamon.....	97	98	71	107	92	106	102	99	Wabash.....	101	99	72	64	80	78	102	101												
Will.....	85	65	54	87	79	88	106	88	97	Schuyler.....	97	92	43	95	102	102	97	86	Washington.....	102	100	77	90	100	105	110	...												
Winnebago.....	100	65	34	89	98	110	110	110	98	Scott.....	98	100	65	94	102	103	102	83	Wayne.....	101	102	100	94	90	102	105	91												
Woodford.....	97	85	16	100	98	115	106	90	101	Shelby.....	101	107	63	100	93	108	103	95	White.....	95	92	81	100	75	80	105	95												
Average.....	99	69	37	89	94	100	108	96	99	Tazewell.....	95	90	47	85	99	106	104	106	Williamson.....	100	92	71	88	87	100	106	100												
										Vermilion.....	100	100	67	100	100	115	122	97	Average.....	101	98	80	92	91	97	103	92												

\*Estimated.



CONDITION OF IRISH POTATOES JULY 1, 1887.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.								
COUNTIES.	Av. condition July 1.					COUNTIES.	Av. condition July 1.					COUNTIES.	Av. condition July 1.					
	Ac '87 com- pared 1886.	Av. cond'n June 1, 1887	1887	1886	1885		1884	1883	1882	Ac '87 com- pared 1886.	Av. cond'n June 1, 1887		1887	1886	1885	1884	1883	1882
Boone.....	100	103	68	90	93	101	100	Adams .....	102	92	80	100	70	100	98	100	90	
Bureau.....	87	87	48	93	100	101	100	Brown .....	103	90	87	110	100	93	105	100	102	
Carroll .....	103	100	89	82	93	100	105	Calhoun .....	103	94	95	101	98	100	90	100	100	
Cook.....	105	102	85	83	100	92	92	Cass .....	101	101	68	88	97	111	97	114	114	
DeKalb.....	101	85	52	87	100	101	105	Champaign.....	100	95	63	93	100	101	110	90	90	
DuPage.....	112	90	45	87	97	98	80	Christian .....	100	92	59	111	99	92	107	109	109	
Grundy.....	107	94	35	80	88	102	104	Clark .....	101	99	78	86	105	104	118	118	118	
Henderson.....	100	90	65	45	99	100	95	Coles .....	101	102	73	109	96	91	100	102	102	
Henry.....	100	100	55	82	100	103	110	'umberland .....	100	99	74	81	105	105	106	107	107	
Iroquois.....	101	106	76	101	96	102	107	DeWitt .....	102	82	58	111	105	102	111	105	105	
JoDavies .....	122	98	*80	77	98	97	100	Douglas.....	95	93	63	92	97	90	96	105	105	
Kane.....	108	85	58	92	102	83	98	Edgar .....	98	99	57	101	100	110	105	105	105	
Kankakee.....	100	94	75	107	95	100	110	Ford.....	102	96	72	92	103	97	102	105	105	
Kendall.....	100	95	35	91	90	91	109	Fulton.....	102	87	88	91	100	102	111	112	112	
Knox.....	104	94	50	91	100	105	109	Greene .....	95	100	86	101	115	100	103	118	118	
Lake.....	101	101	100	87	93	90	95	Hancock.....	100	107	90	92	100	102	83	92	92	
LaSalle.....	104	101	55	96	91	93	96	Jersey.....	102	94	90	105	87	105	98	122	122	
Livingston.....	103	102	73	95	100	101	100	Logan .....	103	93	52	100	100	103	100	108	108	
Marshall.....	97	92	62	107	90	100	107	Macon .....	94	99	78	94	102	96	96	89	89	
McHenry .....	104	102	82	98	105	106	101	Macoupin.....	97	88	67	93	100	106	107	105	105	
Mercer.....	105	105	87	100	99	97	102	Mason .....	112	104	70	92	105	110	110	105	105	
Ogle.....	102	102	52	100	92	104	96	McDonough.....	101	98	62	102	101	104	100	94	94	
Peoria.....	102	102	64	87	90	97	104	McLean .....	105	105	75	95	100	102	105	91	91	
Putnam.....	101	94	70	97	97	107	118	Menard .....	101	97	83	99	106	85	103	109	109	
Rock Island.....	99	101	90	65	98	101	104	Montgomery.....	100	91	79	96	104	102	92	103	103	
Stark.....	104	102	83	92	100	102	100	Morgan .....	107	100	52	99	100	101	100	105	105	
Stephenson.....	104	95	72	83	100	97	101	Moultrie .....	100	97	50	92	103	77	97	100	100	
Warren.....	103	99	72	89	105	107	108	Piatt.....	100	102	87	103	100	102	95	118	118	
Whiteside.....	103	92	55	67	107	95	110	Pike.....	99	97	67	105	95	101	96	103	103	
Will.....	99	88	68	105	83	91	106	Sangamon .....	102	110	78	105	97	98	102	98	98	
Winnebago.....	97	96	54	83	98	93	114	Schuyler .....	102	97	60	97	100	100	93	108	108	
Woodford.....	100	103	40	102	103	115	99	Scott.....	109	108	67	105	103	96	100	95	95	
Average.....	102	97	62	89	97	99	104	Shelby.....	105	87	67	97	97	97	106	102	102	
								Tazewell .....	112	100	71	103	110	121	121	125	125	
								Vermilion .....	101	97	71	98	100	99	104	104	104	
								Average .....	101	97	71	98	100	99	104	104	104	

\*Estimated.

\*Estimated.

FARM CROPS, CONDITION OR YIELD, JULY 1, 1887.

COUNTIES.	Corn.	Broom Corn.	Sorghum.	Winter Wheat.	Winter Rye.	Spring Wheat.	Barley.	Oats	Flax.	Cotton.	Tobacco.	Irish Potatoes.	sweet Potatoes.	Meadows.	Clover.	Timothy.	Pastures.
Adams .....	104	50	75	100	102	....	....	99	....	....	....	80	80	80	97	77	81
Alexander.....	90	100	100	100	101	....	....	99	....	....	100	73	90	80	82	80	79
Bond .....	83	91	92	97	85	....	....	84	....	....	70	94	95	75	97	81	84
Boone.....	95	80	....	65	83	64	63	50	....	....	20	68	....	28	27	24	24
Brown .....	97	....	85	102	....	....	....	88	....	....	85	87	100	85	92	82	82
Bureau .....	108	....	78	71	62	78	82	57	....	....	....	48	....	34	52	34	39
Calhoun .....	100	..	74	61	75	50	....	90	....	....	59	95	50	87	100	82	82
Carroll .....	106	....	100	72	85	70	75	62	....	....	....	89	90	41	37	32	31
Cass .....	95	80	83	100	100	....	....	97	....	....	....	68	92	71	85	68	64
Champaign .....	103	100	100	102	100	101	..	88	....	....	....	63	75	75	100	75	67
Christian .....	93	80	67	107	99	....	....	93	....	....	....	59	57	67	83	63	74
Clark.....	88	87	87	91	89	....	....	90	....	....	90	78	85	73	94	84	71
Clay .....	90	100	98	45	57	....	....	87	90	....	100	83	100	76	95	77	83
Clinton.....	80	85	85	95	90	....	....	95	100	....	100	85	90	65	90	70	90
Coles.....	99	98	100	104	100	....	....	86	....	....	100	73	94	65	91	74	69
Cook .....	100	....	100	92	84	87	100	71	100	....	100	85	....	66	66	47	52
Crawford .....	85	90	81	75	84	....	....	100	....	....	100	84	89	80	89	83	77
Cumberland .....	87	93	82	95	100	....	....	79	100	....	90	74	79	81	77	76	70
DeKalb .....	95	....	....	85	87	75	30	52	....	....	....	52	....	32	37	25	27
DeWitt .....	96	50	78	104	94	98	....	78	....	....	....	58	72	56	86	58	53
Douglas .....	90	88	100	90	75	....	....	75	....	....	....	63	85	63	82	57	53
DuPage.....	75	....	....	50	55	65	55	33	50	....	....	45	....	25	28	20	13
Edgar .....	88	100	67	95	....	....	....	78	....	....	....	57	75	62	80	45	55
Edwards .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Effingham .....	90	100	89	78	81	....	....	96	....	....	95	81	80	87	96	88	77
Fayette.....	80	75	77	85	80	....	....	88	....	....	82	89	90	84	93	81	72
Ford .....	108	....	....	80	93	....	....	82	100	....	....	72	....	65	87	62	63
Franklin.....	96	90	80	49	....	....	....	101	....	....	....	101	100	79	87	85	85
Fulton .....	103	....	88	103	92	80	....	95	....	....	....	88	91	67	81	60	66
Gallatin.....	95	....	70	90	....	....	....	85	....	....	....	88	91	85	81	80	66
Greene.....	99	....	95	105	100	....	....	99	....	....	....	86	95	91	99	87	100
Grundy .....	100	....	90	87	83	....	....	97	81	....	....	35	85	30	63	33	22
Hamilton.....	83	90	88	42	70	....	....	108	....	....	70	89	89	88	90	97	94
Hancock .....	116	100	90	110	87	....	....	95	....	....	....	90	87	77	98	70	83
Hardin .....	112	100	97	75	75	....	....	112	....	....	100	95	97	80	105	80	97
Henderson.....	98	....	60	62	85	82	....	80	....	....	....	65	70	45	72	50	62
Henry .....	93	62	75	70	63	77	59	46	....	....	....	55	75	30	43	27	19
Iroquois.....	106	105	95	90	96	83	....	85	92	....	....	76	87	66	81	58	58
Jackson.....	80	....	60	65	100	....	....	100	....	....	....	90	100	60	....	....	100
Jasper .....	75	47	62	75	45	....	....	90	....	....	85	50	62	55	57	62	50
Jefferson .....	88	....	80	28	100	....	....	85	....	....	100	90	100	83	100	83	90
Jersey.....	92	....	....	122	100	....	....	85	....	....	....	90	87	87	105	87	100
JoDavieess .....	97	....	....	90	92	65	72	56	....	....	35	....	24	24	39	24	17
Johnson.....	103	97	94	76	73	....	....	87	....	95	78	95	95	81	82	87	76
Kane .....	92	90	....	73	57	52	70	33	....	....	....	58	....	28	34	24	19
Kankakee.....	106	....	100	102	97	70	....	81	85	....	....	75	90	75	81	59	47
Kendall.....	93	....	....	67	57	60	....	46	....	....	....	35	....	23	23	23	22
Knox .....	97	85	95	93	87	84	....	67	....	....	....	50	81	31	65	29	40
Lake .....	72	....	....	85	80	70	67	62	90	....	....	100	....	80	85	80	60
LaSalle.....	98	70	87	91	78	91	....	58	....	....	....	55	93	35	58	36	26
Lawrence.....	95	85	92	67	....	....	....	100	....	....	....	82	90	83	92	86	82
Lee.....	105	....	90	88	89	93	75	93	....	....	....	73	82	46	63	45	36



## FARM CROPS, CONDITION OR YIELD, JULY 1, 1887—Continued.

COUNTIES	Corn.	Broom Corn.	Sorghum.	Winter Wheat.	Winter Rye.	Spring Wheat.	Barley.	Oats.	Flax.	Cotton.	Tobacco.	Irish Potatoes.	Sweet Potatoes.	Meadows.	Clover.	Timothy.	Pastures.
Livingston .....	104	88	77	73	82	77	....	84	75	....	....	62	63	38	65	42	40
Logan .....	114	....	100	103	97	....	....	80	....	....	....	52	80	58	85	43	44
Macon .....	92	....	90	100	100	70	....	78	....	....	....	39	71	63	72	47	44
Macoupin .....	86	....	84	100	....	....	....	95	....	....	60	78	89	80	96	79	85
Madison .....	70	90	90	90	90	....	....	78	....	....	100	96	92	90	97	99	78
Marion .....	87	70	85	45	50	....	....	97	90	....	....	84	68	79	87	74	81
Marshall .....	102	....	100	80	85	85	90	72	....	....	....	82	90	57	65	57	50
Mason .....	87	90	85	100	90	95	....	82	....	....	....	67	100	70	77	70	60
Massac .....	100	100	90	80	95	....	....	65	....	....	....	60	60	90	100	85	75
McDonough .....	97	100	100	103	90	97	....	93	....	....	....	70	87	77	97	72	72
McHenry .....	102	110	87	90	95	67	50	55	70	....	100	87	75	45	50	32	45
McLean .....	90	....	100	103	85	83	....	89	....	....	....	62	87	54	73	52	27
Menard .....	99	....	90	107	100	....	....	87	....	....	....	75	85	62	82	56	74
Mercer .....	112	90	95	80	76	76	....	67	....	....	....	70	65	39	62	36	31
Monroe .....	95	50	....	....	....	....	....	90	....	....	....	75	100	100	100	190	70
Montgomery .....	90	90	73	102	98	....	80	97	....	....	90	83	97	83	83	86	86
Morgan .....	105	....	100	113	100	....	100	106	....	....	....	79	100	87	95	81	86
Moultrie .....	97	100	100	93	....	100	....	82	....	....	....	52	68	73	87	72	67
Ogle .....	111	100	90	84	89	92	72	53	75	....	....	64	67	37	46	29	27
Peoria .....	100	....	....	90	80	60	....	65	....	....	....	52	60	45	62	50	35
Perry .....	90	100	100	60	87	....	....	87	....	....	100	90	95	70	90	65	82
Piatt .....	100	100	100	105	100	....	....	87	85	....	100	50	87	85	100	80	57
Pike .....	105	....	100	112	100	....	....	95	....	....	....	87	93	80	95	75	90
Pope .....	92	100	87	70	90	....	....	102	....	....	100	92	88	82	87	80	78
Pulaski .....	95	....	92	96	....	....	....	75	....	....	87	77	80	97	95	100	87
Putnam .....	102	....	88	81	86	90	....	76	....	....	....	70	87	34	68	33	32
Randolph .....	105	100	100	87	100	....	100	110	....	....	100	97	102	87	100	87	90
Richland .....	100	....	95	87	90	....	....	107	....	....	....	92	92	65	90	77	70
Rock Island .....	106	....	....	80	69	50	95	70	....	....	....	90	100	55	60	57	52
Saline .....	97	....	77	80	....	....	....	97	....	....	87	97	87	95	92	95	85
Sangamon .....	97	102	102	102	100	....	....	97	....	....	75	67	94	67	77	58	71
Schuyler .....	95	100	88	105	100	100	....	96	....	....	....	78	100	82	80	75	43
Scott .....	86	....	....	102	97	....	....	92	....	....	....	60	77	69	89	60	65
Shelby .....	90	100	89	103	100	....	....	86	100	....	....	67	72	71	97	72	63
Stark .....	106	100	100	85	85	97	87	79	....	....	....	83	96	60	87	57	55
St. Clair .....	73	90	....	70	95	....	....	97	....	....	....	77	77	83	100	83	72
Stephenson .....	106	100	95	81	77	67	74	63	....	....	67	72	85	30	43	29	27
Tazewell .....	85	....	100	99	93	95	....	66	....	....	....	67	82	50	67	51	47
Union .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Vermilion .....	95	100	93	102	93	....	....	86	90	....	....	71	87	65	97	59	67
Wabash .....	77	....	82	72	....	....	....	97	....	....	....	68	77	85	95	93	72
Warren .....	103	92	97	93	95	87	....	79	....	....	100	72	84	54	73	49	48
Washington .....	81	60	77	83	80	....	....	91	....	....	100	85	86	85	100	78	77
Wayne .....	82	100	85	29	25	....	....	111	....	....	93	100	97	96	100	101	100
White .....	99	100	97	49	....	....	....	110	....	....	....	95	99	88	97	90	81
Whiteside .....	92	....	95	....	90	78	100	55	....	....	....	55	....	48	43	32	50
Will .....	91	....	49	83	76	77	77	72	58	....	70	68	75	55	63	56	54
Williamson .....	79	92	84	61	95	....	....	108	....	80	63	96	89	91	76	99	71
Winnebago .....	103	....	10	74	79	63	52	41	....	....	....	54	....	40	45	29	34
Woodford .....	93	100	95	85	82	60	80	61	....	....	....	40	65	39	72	32	16

FARM AND FRUIT CROPS. ACREAGE AND YIELD.

COUNTIES.	ORCHARDS.			VINEYARDS.		Hungarian and Millet	Woodland	Wheat harvest com- menced.
	Apple	Peach.	Pear.					
	Acr'ge '87, compared with 1886.	Acr'ge '87, compared with 1886.	Acr'ge '87, compared with 1886	Condition July 1, '87.	Acr'ge '87, compared with 1886	Acr'ge '87, compared with 1886.	Acr'ge '87, compared with 1886.	
Adams.....	67	75	87	100	102	35	98	June 14.
Alexander.....	85	90	110	110	110	90	100	June 6.
Bond.....	96	103	95	99	104	88	94	June 10.
Boone.....	66	.....	.....	110	100	.....	94	June 25.
Brown.....	72	90	.....	100	.....	.....	94	June 13.
Bureau.....	65	.....	.....	100	97	.....	100	June 27.
Calhoun.....	80	20	90	90	110	.....	.....	June 10.
Carroll.....	62	.....	.....	100	.....	152	98	June 26.
Cass.....	67	100	100	81	98	100	99	June 14.
Champaign.....	83	.....	100	103	100	110	100	June 20.
Christian.....	84	62	79	90	102	82	95	June 15.
Clark.....	84	113	80	80	100	95	94	June 12.
Clay.....	90	98	100	87	100	82	100	June 12.
Clinton.....	75	55	75	95	100	100	72	June 15.
Coles.....	62	100	78	97	105	62	100	June 15.
Cook.....	98	.....	100	110	100	95	99	July 1.
Crawford.....	63	62	64	74	105	77	89	June 12.
Cumberland.....	70	70	100	88	93	100	93	June 12.
DeKalb.....	65	.....	.....	80	100	.....	100	June 25.
DeWitt.....	101	100	100	102	101	87	49	June 15.
Douglas.....	83	100	100	77	100	90	100	June 15.
DuPage.....	65	.....	100	76	97	125	100	June 30.
Edgar.....	100	100	100	100	102	91	97	June 20.
Edwards.....	.....	.....	.....	.....	.....	.....	.....	.....
Effingham.....	84	62	75	90	98	81	97	June 13.
Fayette.....	78	83	90	77	100	103	97	June 15.
Ford.....	87	.....	.....	100	100	100	90	June 20.
Franklin.....	102	102	97	97	97	98	100	June 10.
Fulton.....	69	75	80	93	100	60	87	June 14.
Gallatin.....	80	90	60	50	100	.....	.....	June 10.
Greene.....	71	55	102	98	100	100	92	June 12.
Grundy.....	65	.....	.....	82	100	90	100	.....
Hamilton.....	93	93	94	95	82	110	93	June 14.
Hancock.....	55	60	75	92	100	75	92	June 15.
Hardin.....	100	105	100	110	110	.....	65	June 12.
Henderson.....	67	.....	.....	83	100	75	97	June 15.
Henry.....	94	.....	100	82	100	107	100	June 25.
Iroquois.....	62	.....	100	70	.....	83	99	June 18.
Jackson.....	110	100	100	.....	100	.....	95	June 10.
Jasper.....	62	100	100	65	100	50	100	.....
Jefferson.....	103	100	100	95	100	83	95	June 15.
Jersey.....	57	100	75	75	100	.....	95	June 10.
JoDavies.....	90	.....	.....	99	100	120	98	.....
Johnson.....	100	102	93	100	100	90	94	June 4.
Kane.....	81	95	92	53	100	112	93	June 24.
Kankakee.....	87	.....	.....	97	100	105	100	June 25.
Kendall.....	83	.....	.....	70	100	100	100	June 24.
Knox.....	20	.....	100	83	100	100	92	June 20.
Lake.....	87	.....	100	97	100	125	95	.....
LaSalle.....	76	80	100	93	98	107	97	June 10.
Lawrence.....	101	92	90	73	100	50	95	June 16.
Lee.....	72	.....	52	95	100	102	88	June 25.



## FARM AND FRUIT CROPS. ACREAGE AND YIELD.—Continued.

COUNTIES.	ORCHARDS.			VINEYARDS.		Hungarian and Millet.	Woodland.	Wheat harvest com- menced.
	Apple.	Peach.	Pear.					
	Acr'ge '87, compared with 1886.	Acr'ge '87, compared with 1886.	Acr'ge '87, compared with 1886.	Condition July 1, '87.	Acr'ge '87, compared with 1886.	Acr'ge '87, compared with 1886.	Acr'ge '87, compared with 1886.	
Livingston .....	62	40	....	105	100	65	90	June 23.
Logan .....	49	90	90	87	100	50	100	June 15.
Macon .....	62	70	100	86	100	....	97	June 15.
Macoupin .....	91	63	97	78	97	100	95	June 11.
Madison .....	65	105	90	97	97	100	96	June 13.
Marion .....	71	80	90	75	75	80	95	June 10.
Marshall .....	25	....	30	85	100	....	90	....
Mason .....	80	....	....	87	100	....	100	June 20.
Massac .....	50	100	50	100	100	....	100	June 10.
McDonough .....	62	80	80	100	100	75	96	June 15.
McHenry .....	73	....	25	103	100	100	98	....
McLean .....	69	50	62	93	100	95	100	June 20.
Menard .....	19	30	60	82	97	....	99	June 14.
Mercer .....	57	....	....	100	97	100	93	June 27.
Monroe .....	60	90	....	....	....	....	....	June 14.
Montgomery .....	73	102	72	97	101	81	97	June 15.
Morgan .....	87	62	100	100	100	75	99	June 13.
Moultrie .....	65	100	100	85	90	100	97	June 18.
Ogle .....	89	....	....	57	100	97	99	June 27.
Peoria .....	90	....	....	97	100	....	100	June 23.
Perry .....	105	100	100	100	100	100	100	June 15.
Piatt .....	75	....	75	100	100	50	95	June 17.
Pike .....	100	100	100	102	100	....	99	June 15.
Pope .....	87	100	92	92	100	100	98	June 10.
Pulaski .....	87	89	75	107	102	100	99	June 6.
Putnam .....	65	100	100	91	105	75	98	June 24.
Randolph .....	85	100	90	105	100	100	100	June 17.
Richland .....	60	40	35	50	100	....	100	June 15.
Rock Island .....	72	....	....	97	93	117	95	June 27.
Saline .....	98	100	90	90	100	....	92	June 10.
Sangamon .....	55	70	55	78	96	100	97	June 13.
Schuyler .....	73	100	100	98	100	75	96	June 14.
Scott .....	100	100	100	92	100	....	100	June 12.
Shelby .....	120	95	100	103	105	90	92	June 16.
Stark .....	72	....	....	100	100	100	97	June 15.
St. Clair .....	72	50	70	65	90	....	90	June 13.
Stephenson .....	76	....	....	110	100	175	99	June 21.
Tazewell .....	57	....	....	100	90	95	99	June 13.
Union .....	....	....	....	....	....	....	....	....
Vermilion .....	50	95	76	94	103	88	100	June 15.
Wabash .....	101	97	100	70	100	67	98	June 14.
Warren .....	65	100	62	77	102	125	100	June 18.
Washington .....	90	97	100	67	100	87	95	June 16.
Wayne .....	90	80	75	70	100	100	98	June 5.
White .....	95	85	95	70	102	....	91	June 11.
Whiteside .....	30	....	....	72	100	....	100	June 27.
Will .....	74	100	75	102	103	93	97	....
Williamson .....	99	109	100	100	100	100	91	June 10.
Winnebago .....	67	....	100	105	100	70	98	June 20.
Woodford .....	31	....	30	82	100	75	102	June 25.

**FARM AND FRUIT CROPS.—Acreage, condition, yield, etc., July 1, 1887.**

COUNTIES.	CHER- RIES.	STRAW- BERRIES	RASP- BERRIES	GOOSE- BERRIES	CUR- RANTS.	FIELD BEANS.		FIE'D PEAS	Wool
	Yield.	Yield.	Yield.	Yield.	Yield.	Condiuion July 1, 1887.	Acreage '87, com- pared with 1885.	Acreage '87, com- pared with 1886.	Clip of 1887, com- pared with 1886.
Adams.....	50	79	89	62	65	.....	.....	.....	103
Alexander.....	78	42	80	90	50	57	102	100	107
Bond.....	58	72	80	73	67	90	95	.....	100
Boone.....	5	73	43	30	15	25	80	.....	81
Brown.....	.....	90	67	.....	.....	80	80	.....	95
Bureau.....	20	82	55	55	45	.....	.....	.....	90
Calhoun.....	20	50	75	30	20	.....	.....	.....	95
Carroll.....	.....	73	85	77	60	100	100	.....	80
Cass.....	15	44	45	54	27	.....	.....	.....	92
Champaign.....	20	65	87	80	58	100	100	.....	105
Christian.....	20	54	63	40	41	40	85	95	100
Clark.....	46	74	78	66	47	80	84	.....	104
Clay.....	50	53	93	58	58	100	100	100	73
Clinton.....	40	55	65	80	50	100	120	.....	110
Coles.....	21	79	82	46	49	96	105	.....	98
Cook.....	.....	75	62	87	62	100	100	100	100
Crawford.....	12	73	92	48	32	84	93	90	97
Cumberland.....	38	93	85	44	65	83	92	.....	91
DeKalb.....	.....	75	57	25	36	10	.....	.....	95
DeWitt.....	23	77	72	51	54	74	91	.....	88
Douglas.....	.....	92	50	75	75	87	100	.....	100
DuPage.....	20	67	25	50	25	75	100	100	90
Edgar.....	24	82	70	75	42	75	100	.....	97
Edwards.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Effingham.....	22	54	72	58	56	86	91	100	100
Fayette.....	48	52	69	62	54	95	87	77	97
Ford.....	5	77	45	32	27	.....	.....	.....	105
Franklin.....	70	67	75	75	50	101	100	100	94
Fulton.....	29	61	67	57	49	80	100	100	97
Gallatin.....	65	60	70	60	80	85	100	.....	.....
Greene.....	37	87	68	83	60	100	105	.....	93
Grundy.....	15	70	55	65	62	100	.....	.....	100
Hamilton.....	99	43	83	98	53	100	100	.....	89
Hancock.....	20	6	58	72	55	.....	.....	.....	97
Hardin.....	100	70	75	70	90	100	105	.....	92
Henderson.....	25	90	37	38	40	.....	.....	.....	100
Henry.....	27	48	41	51	61	62	100	100	100
Iroquois.....	21	71	61	37	26	87	100	75	99
Jackson.....	60	.....	.....	.....	.....	.....	.....	100	110
Jasper.....	50	50	75	40	40	50	100	.....	95
Jefferson.....	55	50	100	72	75	100	105	150	85
Jersey.....	10	67	55	100	25	.....	.....	.....	.....
Jo Daviess..	10	60	69	38	41	90	100	60	97
Johnson.....	98	64	79	65	100	95	97	95	94
Kane.....	10	56	47	65	27	70	85	100	89
Kankakee.....	10	76	72	20	20	100	100	.....	97
Kendall.....	10	38	17	20	18	.....	.....	.....	97
Knox.....	7	58	40	52	56	68	98	.....	91
Lake.....	65	72	95	67	50	75	100	100	87
LaSalle.....	25	90	70	72	61	82	100	100	100
Lawrence.....	34	100	100	75	75	100	87	.....	95
Lee.....	50	89	70	75	52	77	85	90	78



**FARM AND FRUIT CROPS.—Acreage, condition, yield, etc., July 1, 1887.—**  
**Continued.**

COUNTIES.	CHERRIES.	STRAWBERRIES	RASPBERRIES	GOOSEBERRIES.	CURRENTS.	FIELD BEANS.		FIE'D PEAS	Wool
	Yield.	Yield.	Yield.	Yield.	Yield.	Condition July 1, 1887.	Acreage '87, compared with 1886.	Acreage '87, compared with 1886.	Clip of 1887, compared with 1886.
Livingston .....	15	76	50	40	41	77	85	.....	91
Logan .....	37	77	67	50	61	92	100	.....	100
Macon .....	10	51	39	25	33	75	100	.....	97
Macoupin .....	40	50	62	70	54	87	100	100	96
Madison .....	30	50	70	70	60	92	100	.....	77
Marion .....	57	35	100	37	5	97	110	.....	80
Marshall .....	20	90	66	50	25	80	100	.....	90
Mason .....	60	67	75	80	82	60	100	90	.....
Massac .....	120	66	90	80	60	100	100	120	85
McDonoug.h .....	10	73	72	57	62	100	100	.....	77
McHenry .....	5	62	45	75	50	75	100	100	95
McLean .....	15	57	54	45	48	62	100	.....	94
Menard .....	.....	37	40	38	27	.....	.....	.....	97
Mercer .....	23	66	52	72	69	.....	.....	.....	92
Monroe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montgomery .....	25	83	64	71	75	93	90	75	101
Morgan .....	.....	60	58	75	75	100	100	.....	95
Moultrie .....	17	70	75	50	30	.....	.....	.....	100
Ogle .....	.....	62	42	55	36	95	100	100	100
Peoria .....	22	55	65	80	55	75	100	.....	92
Perry .....	75	42	.....	100	75	100	.....	.....	100
Piatt .....	25	75	25	100	100	.....	.....	.....	102
Pike .....	40	67	68	83	58	.....	.....	.....	98
Pope .....	100	95	87	100	95	100	100	70	93
Pulaski .....	87	73	67	87	75	90	103	101	100
Putnam .....	20	66	47	60	65	60	105	.....	105
Randolph .....	72	30	40	100	100	100	109	.....	100
Richland .....	15	75	77	27	40	100	105	.....	92
Rock Island .....	52	65	71	56	54	100	100	.....	90
Saline .....	85	92	82	92	90	87	100	.....	85
Sangamon .....	13	93	43	34	24	95	100	.....	92
Schuyler .....	22	62	52	10	15	100	95	.....	97
Scott .....	30	88	82	63	68	.....	.....	.....	93
Shelby .....	67	73	83	85	83	62	97	100	101
Stark .....	52	76	79	81	67	100	97	100	102
St. Clair .....	40	50	50	25	50	95	100	.....	80
Stephenson .....	17	72	56	63	21	77	100	100	98
Tazewell .....	.....	64	56	72	53	.....	.....	.....	99
Union .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermillion .....	20	69	67	40	20	100	100	.....	101
Wabash .....	40	60	63	25	20	82	100	.....	87
Warren .....	45	71	56	60	61	110	110	110	92
Washington .....	47	5	100	70	10	95	90	100	101
Wayne .....	41	85	82	56	50	100	100	100	100
White .....	52	62	43	45	45	100	100	.....	97
Whiteside .....	10	62	44	75	50	100	100	.....	100
Will .....	15	75	45	23	20	77	95	75	97
Williamson .....	89	81	84	79	65	85	97	100	84
Winnebago .....	20	55	35	25	25	60	100	.....	83
Woodford .....	7	43	27	20	23	68	75	95	100





# MONTHLY WEATHER REVIEW

—OF THE—

ILLINOIS STATE WEATHER SERVICE,

—FOR—

JUNE, 1887.

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

Illinois State Board of Agriculture.

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**CHARLES F. MILLS,**

*Secretary State Board of Agriculture.*

**ROBERT E. KERKAM,**

*Sergeant, Signal Corps, U. S. Army, Ass't.*

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SPRINGFIELD:  
STATE JOURNAL PRINT.  
1887

# MONTHLY WEATHER REVIEW

## OF THE

# ILLINOIS STATE WEATHER SERVICE

SPRINGFIELD, JUNE, 1887.

*(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from 42° 30' to about 40° 31'; the Central Division extends from about 40° 31' to about 39°; the Southern Division from about 39° to 36° 51'.)*

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## INTRODUCTORY.

The month of June, 1887, was notable for its high temperature, excess of sunshine and great deficiency of precipitation.

A drouth prevailed from the 9th to the end of the month, broken only by light local showers in the Northern and Central Divisions, from the 18th to 20th, and in the Southern Division on the 24th and 25th.

Showers were frequent from the 1st to 9th, the amount of rainfall during that period being more than double that of the remainder of the month. The average deficiency was three inches for the State, and the greatest deficiency for any section was from four to five inches for DeKalb county.

The mean temperature of the month was three degrees above the June normal, and is the highest June mean temperature recorded in the past thirteen years.

The maximum temperature, 104 degrees, was reported from the Northern and Southern Divisions on the same date, and is the highest June maximum temperature on record.



A cool wave swept over the State on the 23rd, the daily mean temperature falling gradually from 82 degrees on the 20th, to 63 degrees on the 23d, and then rose gradually to 79 degrees on the 30th.

Light frosts were reported on the 23-4th, in the low lands of the northern counties, doing little, if any, damage to crops.

A severe local dust storm was reported from the north-central counties on the 18th, and a correspondent from Montgomery county reports a regular cloud-burst on the 16th that surpassed in violence anything of the kind that has heretofore occurred in that section.

The percentage of sunshine averaged 10 per cent. above the June normal.

The prevailing direction of the wind was from the southwest, and its maximum hourly velocity, 48 miles, from the north on the 9th.

The average hourly movement of the wind was about seven miles per hour.

ATMOSPHERIC PRESSURE.

(Inches and hundredths.)

No great range of atmospheric pressure occurred during the month.

The following is a summary compiled from corrected barometer readings of eleven stations.

Highest pressure, 30.40, on the 26th; lowest, 29.38, on the 4th; mean, 29.98; range, 1.02,—the least range reported in any June for past six years; average range for the State, 0.56; for the Northern Division, 0.62; Central, 0.57, and Southern, 0.49.

TEMPERATURE OF THE AIR.

(Degrees, Fahrenheit.)

The mean temperature of the month for the State, 73°.4, was 3°.1 above the June normal for past thirteen years, and 1°.1 above the highest June temperature in the same period. The mean temperature of the Northern Division, 72°.0, was 3°.5 above the June normal for past ten years; of the Central Division, 73°.6, was 2°.1 above, and of the Southern Division, 74°.6, was 1°.8 above.

The following are the most marked departures above the June normal mean temperature, and the only departures below:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Deg.	County.	Place.	Deg.
McHenry.....	Riley.....	2.4	Pike.....	Louisiana, Mo.....	0.1
Stephenson.....	Cedarville.....	2.3	Bond.....	Greenville.....	0.2
Kane.....	Aurora.....	2.2	Madison.....	Collinsville.....	1.6
DeKalb.....	Sycamore.....	2.4	Clay.....	Flora.....	0.5
Rock Island.....	Davenport, Iowa...	2.5	Hamilton.....	McLeansboro.....	0.6
Peoria.....	Peoria.....	4.2	Alexander.....	Cairo.....	0.1
Knox.....	Oneida.....	3.1			
Champaign.....	Philo.....	4.3			
Clark.....	Martinsville.....	2.6			
Crawford.....	Palestine.....	2.6			
St. Clair.....	St. Louis, Mo.....	2.7			

The month opened with a daily mean temperature of 60 degrees for the State, rising gradually to 75 degrees on the 4th, remaining in the seventies until the 16th, when it rose to 80 degrees, remaining in the eighties for five days. A cool wave swept over the State at this period, causing a fall of 19 degrees, the daily mean temperature being 63 degrees on the 23d, when it again commenced to rise until it attained 79 degrees on the 30th.

The extreme monthly mean temperatures reported were 67°.3 from Chicago, Cook county, and 79°.2 from North Caledonia, Pulaski county.

Table of June maximum, minimum and mean temperatures of Illinois, for the years specified:

TEMP.	JUNE.													Av' r age.
	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	
Max. ....	.....	.....	.....	96	98	98	99	98	95	98	96	102	104	.....
Min :.....	.....	.....	.....	44	39	43	39	39	40	45	36	40	42	.....
Mean ....	69.1	69.9	69.8	69.3	69.9	72.3	70.5	71.5	65.4	71.1	71.0	71.3	73.4	70.3

The maximum temperature reported during the month, 104°, was two degrees above the highest recorded in June for past ten years, and was reported from Oquawka, Henderson county, and Benton, Franklin county, on the 19th.

The minimum temperature, 42°, was reported from Hennepin, Putnam county, and Louisiana, Mo., Pike county, on the 24th.

RANGE OF TEMPERATURE.

The absolute range of temperature for the month was 62°, about 4° above the average June range.

The greatest monthly range reported from any section was 60° from Hennepin, Putnam county, and the greatest daily range, 44°, was also reported from that station. The least daily range, 1°, was reported from Prairieville, Lee county, on the 5th, and from Albion, Edwards county, on the 9th.

The mean daily range of temperature for the State, 19°.9, was 2°.9 above the normal for June, and 2°.7 above the highest prior June record.

The extreme mean daily ranges reported were 26°.7 from Watseka, Iroquois county, and 12°.9 from Melvin, Ford county.

The mean daily range for the Northern Division was 19°.1; for the Central, 20°.7, and for the Southern, 19°.9.

Table of mean maximum and mean minimum temperatures for June, 1887.—

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.		
STATIONS.	Temp.		STATIONS.	Temp.		STATIONS.	Temp.	
	Mean Maximum.	Mean Minimum.		Mean Maximum.	Mean Minimum.		Mean Maximum.	Mean Minimum.
Woodstock.....	83.6	59.9	Pekin.....	88.1	61.8	Vandalia .....	86.3	66.3
Aurora .....	85.2	60.6	Hoopeston.....	84.5	61.2	Greenville.....	84.5	61.7
Prairieville.....	83.2	65.0	Philo .....	86.4	67.8	Collinsville.....	79.7	63.0
Joliet .....	83.8	61.6	Windsor.....	87.4	61.1	Flora .....	81.9	58.2
Geneseo.....	84.2	59.8				Richview .....	84.1	62.5
Minonk.....	85.6	71.5				Jordan's Grove....	84.0	69.4
Watseka.....	85.7	58.9						



From the foregoing table it appears that the mean maximum temperature for June, 1887, was 84°.6, and the mean minimum, 63°.0; the mean of these means being 0°.4 above the monthly mean temperature.

PRECIPITATION.

(Inches and hundredths.)

The rainfall for the month was very light, the average for the State being 2.91 below the June normal for past ten years.

Rain fell generally from 1st to 9th, but from the latter date to the end of the month, there was a continued drouth broken only by light local showers in the Northern Division from 18th to 21st, and in the Southern division on the 24-5th.

The difference in the dates of these rainfalls can be accounted for by a glance at the table of Daily Mean Temperature. The cool wave that was general on the 23d, was making itself felt in the northern part of the State as early as the evening of the 18th, and the condensation of the vapors in the atmosphere commenced with the cooling of the air.

More rain fell in the period from 1st to 9th than double that of the remainder of the month.

The average rainfall for the Northern Division, 1.61, was 2.78 below the June normal for past ten years; of the Central Division, 1.62, was 3.36 below, and of the Southern Division, 2.12, was 2.55 below.

The averages for the three Divisions and the State for the month, are the lowest on record for June; that for the State being 1.34 below the lowest heretofore recorded (June, 1878).

The average for the months April, May and June, 1887, 7.23, is 4.93 below the ten year normal for those months.

Table of average June precipitation for each Division and the State, for the years specified:

TERRITORY.	JUNE.										
	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	Average.
Northern Division.....	3.36	3.68	5.07	8.06	7.56	4.67	3.83	4.10	1.94	1.61	4.39
Central Division .....	3.13	3.42	2.68	6.69	10.08	5.98	5.60	6.64	3.97	1.62	4.98
Southern Division.....	2.85	4.54	3.39	4.80	5.10	6.61	5.73	6.27	5.29	2.12	4.67
The State.....	3.11	3.88	3.71	6.52	7.58	5.75	5.05	5.63	3.82	1.77	4.68

The greatest monthly rainfall reported was 3.78, reported from Albion, Edwards county, and the least 0.00 (no rain) was reported from Decatur, Macon county.

The following are the most marked departures below the normal rainfall for June (over three inches.)

BELOW THE NORMAL.					
County.	Place.	In.	County.	Place.	In.
DeKalb .....	Sycamore.....	4.62	Coles.....	Mattoon.....	3.55
Hancock.....	Keokuk, Iowa.....	3.64	Greene.....	White Hall.....	3.72
Macon.....	Decatur.....	3.20	Bond.....	Greenville.....	3.41

*The following are the stations reporting one inch or more rainfall in 24 hours, with amounts and dates—arranged according to latitude:*

Belvidere, 1.44 on 7th; Prairieville, 1.25 on 7th; Joliet, 1.15 on 8th; Toulon, 1.10 on 8th; Monmouth, 1.00 on 18th; Melvin, 1.30 on 1st; Pekin, 1.05 on 6th, and 1.00 on 8th; Hoopeston, 1.10 on 5th; Philo, 1.30 on 5th; Springfield, 2.13 on 5th; Pana, 1.00 on 8th; Flora, 1.32 on 7th; Irishtown, 1.02 on 25th; Mascoutah, 1.00 on 25th; Albion, 1.20 on 1st, and 1.30 on 9th, and Cairo, 1.54 on 3d.

HAIL.

Lanark, on 18th; Flora, on 7th; Camargo, on 1st; Oneida, on 18th, and Atwood on 7th.

RELATIVE HUMIDITY.

*(Per cent.)*

The mean relative humidity of the State for the month, 70, was 6 per cent. below the June normal for past six years, and the lowest percentage of humidity on record for the month. except in 1885. The mean for the Northern Division was 70, Central 70, and Southern 69.

WIND.

The prevailing direction of the wind for the State and Northern and Central Divisions, was from the southwest, and for the Southern Division, south.

*The following is the wind data for June, as reported from stations having self-registering anemometers:*

STATIONS.	WIND—Miles.		
	Total movement.	Av. hourly velocity.	Maximum hourly velocity—direction and date.
Chicago .....	6 460	9.0	34—W. on the 18th.
Davenport, Iowa .....	4,763	6.6	38—W. on the 18th.
Watseka .....	4,031	5.6	32—N. W. on the 18th.
Keokuk, Iowa.....	5,205	7.2	36—S. W. on the 3d.
Springfield .....	5,152	7.2	25—N. E. on the 18th.
Windsor .....	4,537	6.3	48—N. on the 9th.
St. Louis, Mo.....	4,864	6.8	24—S. and N. on the 4th and 21st.
Cairo.....	4,180	5.8	24—W. on the 9th.

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 times the number of days in the month.

DAYS CLEAR, FAIR, CLOUDY, Etc.

For the State, average number of days clear, 15; fair 11; cloudy 4, and 6 on which appreciable precipitation fell.

Northern Division: Clear 13; fair 11; cloudy 6, and 6 on which appreciable precipitation fell.

Central Division: Clear, 16; fair, 10; cloudy, 4, and 5 on which appreciable precipitation fell.

Southern Division: Clear, 15; fair, 11; cloudy, 4, and 7 on which appreciable precipitation fell.



This, computed according to the following formula "considering the sun entirely obscured on a 'cloudy' day and obscured one-half the time on a 'fair' day," will approximate 68 per cent. of sunshine for the State, which is about 10 per cent. above the normal sunshine for the month; 62 per cent. for the Northern Division; 70 per cent. for the Central, and 70 per cent. for the Southern.

## THUNDERSTORMS.

Payson on 3d, 7th, 9th, 20th and 30th; Cairo, on 3d, 6th, 9th, 21st and 27th; Greenville, on 4th and 8th; Belvidere, on 7th; Lanark, on 18th; Philo, on 1st, 4th, 6th and 7th; Pana, on 5th, 6th, 7th, 8th and 9th; Flora, on 7th and 8th; Irishtown, on 6th, 7th and 8th; Mattoon, on 1st, 5th, 7th, 8th, 9th, 18th and 20th; Sycamore, on 5th, 7th and 18th; Camargo, on 1st; Paris, on 1st and 5th; Eberle, on 7th, 8th and 17th; Melvin, on 1st, 7th, 18th and 19th; Fulton, on 7th and 30th; White Hall, on 6th, 7th, 9th and 17th; McLeansboro, on 1st, 3d, 4th, 6th, 7th, 8th, 9th, 19th, 20th and 22d; Geneseo, on 4th, 7th, 18th and 30th; Watseka, on 1st, 5th, 7th, 8th, 19th and 20th; Aurora, on 4th and 19th; Kankakee, on 5th and 8th; Oneida, on 5th, 6th, 7th, 8th, 18th and 30th; Lake Forest, on 4th, 8th and 20th; Ottawa, on 7th, 18th and 19th; Prairieville, on 5th, 7th, 13th, 18th and 30th; Pontiac, on 7th; Collinsville, on 3d, 4th, 5th, 6th, 7th, 8th, 19th, 20th and 21st; Centralia, on 6th, 8th and 9th; Lacon, light, on 1st, 5th, 7th and 19th; Marengo, on 8th and 20th; Woodstock, on 7th and 20th; Peoria, on 5th, 6th and 8th; Atwood, on 20th, 29th and 30th; Louisana Mo., on 3th, 6th, 7th, 17th, 18th, 20th and 30th; Golconda, on 1st, 4th, 19th and 27th; Jordan's Grove, on 1st, 4th, 8th, 19th, 21st and 22d; Davenport, Iowa, on 13th, 18th, 20th and 30th; Windsor, on 7th, 8th, 9th, 18th and 20th; Mascoutah, on 1st, 5th, 6th, 7th and 21st; Cedarville, on 1st, 7th, 18th and 20th; Pekin, on 4th, 5th, 6th, 8th, 18th and 19th; Richview, on 4th, 6th and 8th; Joliet, on 5th and 18th, and Minonk, on 1st and 3d.

## ATMOSPHERIC ELECTRICITY.

### AURORAS.

Irishtown, on 19th; Lake Forest, on 12th, and Pekin, on 1st, 3d, 5th and 28th.

## OPTICAL PHENOMENA.

### SOLAR HALOS.

Paris, on 7th; Albion, on 28th; Eberle, on 5th; Prairieville, on 17th and 25th; Marengo, on 29th and 30th; Woodstock, on 7th and 29th; Atwood, on 3d, 6th, 24th and 28th; Springfield, on 10th and 28th, and Minonk, on 13th.

### LUNAR HALOS.

Cairo, on 2d and 30th; Mattoon, on 3d; Paris, on 7th; Albion, on 5th and 27th; Eberle, on 28th and 29th; Oneida, on 28th; Prairieville, on 1st and 26th; Marengo, on 3d and 28th; Peoria, on 3d; Atwood, on 3d; Davenport, Iowa, on 2d; Springfield on 3d; Pekin, on 3d and 28th, and Hoopeston, on 4th, 29th and 30th.

### PARHELIA.

Eberle, on 29th, and Jordan's Grove, on 2d.

### PARASELENES.

North Caledonia, on 1st, 2d, 3d and 29th.

## MISCELLANEOUS PHENOMENA.

## RED SUNSETS.

Lanark, on 18th; Flora, on 14th, 17th and 19th; North Caledonia, on 15th, and Windsor, (very brilliant and variegated) on 9th.

## METEORS.

Flora, on 5th and 13th; Camargo, on 10th and 12th; Lake Forest, on 25th; North Caledonia on 20th, and Windsor, on 16th.

## FOG.

Philo, on 10th; Paris, on 1st, 2d, 9th and 10th; Beason, light, on 6th and 10th, and dense on 9th, and Minonk, on 1st.

## SUN SPOTS.

Mr. John W. James, Observer at Riley, McHenry county, reports as follows: "A very large spot came in sight on E. limb of sun late on the 5th, was on sun's meridian 11th, and disappeared, by the solar rotation, 17th; estimated diameter, 37,700 miles. A smaller spot appeared on E. limb, morning of 26th."

## FROST.

Sycamore, light, on 23d, 24th and 25th, and Marengo, light, on 24th.

## NEW OBSERVERS.

The Department desires to secure the assistance of an observer for each county in the State. There are doubtless parties in the counties not represented in this report by observers, who are giving attention to the science of meteorology. The attention of all interested in having the meteorological history of each county in the State preserved in the Monthly Weather Review of the Department, is invited to the importance of this work and an earnest invitation is extended to all to aid in completing the meteorological records of the State.

The services of observers are desired in the following counties and the residents thereof are respectfully requested to aid the Department in selecting persons likely to be interested in this work:

Calhoun, DeWitt, Gallatin, Jefferson, Menard, Moultrie, Schuyler and Union.



## SPECIAL BULLETIN FOR JUNE.

SIGNAL OFFICE, WAR DEPARTMENT,

WASHINGTON CITY, *July 1, 1887.*

The month of June, 1887, has been remarkable for general deficiency in rainfall, absence of frosts in northern portion of the country, and the small number of severe local destructive storms.

*Temperature.*—The mean temperature for the month has been equal to or below the normal over the states bordering on the Atlantic and Gulf coasts, Tennessee, Arkansas, and Missouri. The greatest depressions below the normal were 3° at Wilmington, Jacksonville, and New Orleans; 4° at Charleston, Brownsville, and Rio Grande City, and 6° at Mobile. It was above the normal over the Lake region, the Ohio, the Missouri, and upper Mississippi valleys. The greatest differences are reported as 3° from Saint Louis, Davenport, Saint Paul, Duluth, and Deadwood; 4° from Huron, Dak., and Bismarck.

*Rainfall.*—There has been a general deficiency of precipitation throughout the region east of the Rocky Mountains, except in the states of Pennsylvania, New Jersey, Maryland, Kansas, Nebraska, southern Georgia, and the southern portions of the states bordering on the Gulf of Mexico. The greatest deficiencies are reported from Tennessee, the Ohio, and upper Mississippi valleys. Some of the greatest departures below the normal rainfall (in inches) are: Chattanooga, 2.8; Louisville, 2.7; Columbus, 2.8; Saint Louis, 2.6; Keokuk, 3.9; Des Moines, 4.9; La Crosse, 3.5; Milwaukee, 3.3; and Grand Haven, 3.9. Some of the greatest excesses of rainfall above the normal (in inches) are: New York City, 4.4; Philadelphia, 3.5; Savannah, 3.8; Jacksonville, 4.0; Mobile, 8.4; New Orleans, 5.3; Galveston, 4.0; Brownsville, 11.5; and Rio Grande City, 6.8. The total rainfall for the month on the Pacific coast was slightly below the normal. The following total rainfall (in inches) for the month are given as extraordinary: Savannah, 10.8; Mobile, 14.1; New Orleans, 11.3; Brownsville, 13.8.

*Frosts.*—No destructive frosts were reported from any stations of the service during the month. This fact seems to be in accord with the statement of the mean temperature being above the normal for the month in the regions where frost would most likely occur.

*Dangerous wind storms.*—During the 10th and 11th of June high easterly winds prevailed along the Atlantic coast from Cape Cod to Cape Hatteras. The absence of rain, the presence of a temperature of 30° to 50° above freezing, the general steadiness of the wind velocity, and timely warnings by cautionary signals reduced possible disaster to a minimum. A number of other dangerous winds occurred, but were of a local nature and brief endurance, and usually accompanied thunder-storms.

*Local storms and tornadoes.*—Severe local storms have been quite rare during the month. Some have been reported from Pennsylvania, West Virginia, Missouri, Dakota, and western Texas of a destructive nature.

A. W. GREELY,

*Chief Signal Officer.*

## REMARKS.

## METEOROLOGICAL OBSERVERS.

MONTH OF JUNE, 1887.

ADAMS COUNTY—DANIEL E. ROBBINS, Observer, Payson. Highest temperature, 98°, on the 20th; lowest, 55°, on the 1st; range 43°; greatest daily range, 29°, on the 24th; least daily, 8°, on the 5th and 25th; mean daily, 17°.8. The mean temperature of the month, 74°.1, was 0°.3 above the June normal for the past two years. The precipitation, 2.82 inches, was 0.64 of an inch below the June normal for the past two years, falling on eight days, viz: 3d, 5th, 7th, 8th, 20th, 24th, 29th and 30th. Prevailing direction of the wind, S.W.; maximum velocity, high, from the west. Thunderstorms on the 3d, 7th, 9th, 20th and 30th.

ALEXANDER COUNTY—C. L. BOZZELL, Corporal, Signal Corps, U. S. Army, Cairo. Highest barometer, 29.83, on the 26th; lowest, 29.39, on the 1st; mean, 29.631; range, 0.44. Highest temperature, 95° 7, on the 19th; lowest, 54°.3, on the 2d; range, 41°.4; greatest daily range, 23°.7; least daily, 3°.4; mean daily, 16°.2. The mean temperature of the month, 75°.0, was 0°.1 below the June normal for the past sixteen years. The precipitation, 2.34 inches, was 2.07 inches below the June normal for the past sixteen years, falling on nine days, viz: 1st, 3d, 4th, 5th, 8th, 21st, 25th, 26th, 29th and 30th. Mean dew-point, 63°.8. Mean relative humidity, 74 per cent. Prevailing direction of the wind, S.; total movement, 4,180 miles; maximum velocity, 24 miles per hour, W. on the 9th. There were 9 clear, 13 fair and 8 cloudy days. Thunderstorms on the 3d, 6th, 9th, 21st and 27th. Lunar halos on the 2d and 30th. Highest river, 23.1 feet on 20th; lowest, 15.1 on 6th; range, 8.0.

BOND COUNTY—M. S. OUDYN, Ph. G., Observer, Greenville. Highest temperature, 96°, on the 18th and 20th; lowest, 51°, on the 23d and 24th; range, 45°; mean maximum, 84°.5; mean minimum, 61°.7; greatest daily range, 30°, on the 17th; least daily, 5°, on the 25th; mean daily, 22°.8. The mean temperature of the month, 73°.8, was 0°.2 below the

June normal for the past ten years. The precipitation, 2.97 inches, was 3.41 inches below the June normal for the past ten years, falling on eight days, viz: 1st, 4th, 5th, 8th, 9th, 24th, 25th and 30th. Prevailing direction of the wind, S. There were 18 clear, 7 fair and 5 cloudy days. Thunderstorms the 4th and 8th.

BOONE COUNTY—E. L. LAWRENCE, Observer, Belvidere. Highest temperature, 99°, on the 18th; lowest, 50°, on the 24th; range, 49°. The mean temperature of the month was 71°.9. The precipitation was 1.94 inches, and fell on five days, viz: 1st, 7th, 18th, 20th and 21st. Prevailing direction of the wind, S.W.; maximum velocity, gale, N.W., on the 18th. There were 12 clear, 12 fair and 6 cloudy days. Thunderstorm on the 7th.

BUREAU COUNTY—DR. EZRA STETSON, Observer, Neponset. Highest temperature, 98°, on the 18th; lowest, 44°, on the 24th and 25th; range, 54°. The precipitation was 1.55 inches and fell on seven days, viz: 4th, 5th, 6th, 7th, 19th, 21st and 30th. Prevailing direction of the wind, S.E.; maximum velocity, high, on the 18th. There were 12 clear 13 fair and 5 cloudy days. High wind with shower of dust at 4 P.M. on 18th. Harvesting rye on 21st. Commenced haying on 25th—lightest crop in 60 years. Winter wheat harvest began on 27th; a little better than half a crop. Barley harvest a full crop.

CARROLL COUNTY—GEO. L. BEELER, Observer, Lanark. Highest temperature, 97°, on the 18th; lowest, 53°, on the 24th; range, 44°. The mean temperature of the month was 75°.0. The precipitation was 1.89 inches, and fell on seven days, viz: 1st, 4th, 5th, 13th, 18th, 20th and 30th. Prevailing direction of the wind, S.; maximum velocity, gale, N.W., on the 18th. There were 14 clear, 8 fair and 8 cloudy days. Thunderstorm on



the 18th, 5.30 to 7.30 P. M. Distant thunder on the 20th. Peculiar yellow sunrise on 7th. Hail storm, 6.30 P. M., on 18th. Red sunset on 18th. Rainbows on 1st, 7 P. M.; on 4th, 5 A. M.; on 30th, 7.30 P. M.

**CHAMPAIGN COUNTY**—HUBERT A. BURR, Observer, Philo. Highest barometer, 30.30, on the 27th; lowest, 29.80, on the 18th; range, 0.50; mean, 30.01. Highest temperature, 99°, on the 29th; lowest, 50°, on the 23d; range, 49°; mean maximum, 86° 4; mean minimum, 67° 8; greatest daily range, 26°, on the 28th; least daily, 10°, on the 1st; mean daily, 19° 3. The mean temperature of the month, 73° 0, was 4° 3 above the June normal for the past three years. The precipitation, 1.50 inches, was 2.48 inches below the June normal for the past three years, falling on four days, viz: 1st, 4th, 6th and 7th. Prevailing direction of the wind, E.; maximum velocity, 20 miles per hour, S., on the 30th. There were 16 clear, 12 fair and 2 cloudy days. Thunderstorms on the 1st, 4th, 6th and 7th. Lunar halo on the 3d. Rainbows on the 8th and 9th. Dense fog on the 10th.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Highest temperature, 90°, on the 20th; lowest, 46°, on the 1st; range, 44°. The mean temperature of the month, 70° 0, was 0° 9 above the June normal for the past two years. The precipitation, 1.66 inches, was 2.95 inches below the June normal for past five years, falling on five days, viz: 4th, 5th, 7th, 8th and 9th. Prevailing direction of the wind, S.W.; maximum velocity, high, on several dates. There were 20 clear, 3 fair and 7 cloudy days. Thunderstorms on the 5th, 6th, 7th, 8th and 9th.

**CLARK COUNTY**—J. B. SHEAPLEY, Observer, Martinsville. Highest actual barometer, 29.64, on the 27th; lowest, 29.04, on the 1st; mean, 29.376, range, 0.60. Highest temperature, 98°, on the 18th and 19th; lowest, 57°, on the 23d; range, 41°. The mean temperature of the month was 76° 3. The precipitation was 1.39 inches and fell on five days, viz: 5th, 6th, 7th, 8th and 9th. Prevailing direction of the wind, E. and N.E.; maximum force, 8, N.E. on the 27th. There were 15 clear, 9 fair and 6 cloudy days. Light hail occurred in sections of the county.

**CLAY COUNTY**—L. A. MICHELS, Observer, Flora. Highest temperature, 91°, on the 19th and 20th; lowest, 47°, on the 1st; range, 44°; mean maximum, 81° 9; mean minimum, 58° 2; greatest daily range, 31°, on the 14th; least daily, 10°, on the 25th; mean daily, 23° 5. The mean temperature of the month, 69° 8, was 0° 5 below the June normal for the past two years. The precipitation, 3.56 inches, was 2.00 inches below the June normal for the past two years, falling on six days, viz: 4th, 5th, 7th, 8th, 9th and 25th. Prevailing direction of the wind, S.W. There were 20 clear, 5 fair and 5 cloudy days. Thunderstorms on the 7th and 9th. Severe wind, rain and hail from S.E., on 7th. Lunar halo on 3d. Large meteor, N.W., on 5th, 9.15 P. M.; also on 13th, N., at 10.15 P. M. Lightning struck buildings and killed stock in the county on 7th. Rainbow at 7 P. M. on 8th. Red sunsets on 14th, 17th and 19th.

**CLINTON COUNTY**—WM. ROGAN, Observer, Irishtown. Highest temperature, 98°,

on the 18th and 20th; lowest, 56°, on the 1st; range, 42°. The mean temperature of the month, 75° 9, was 2° 6 above the June normal for the past three years. The precipitation, 2.75 inches, was 2.63 inches below the June normal for the past two years, falling on eleven days, viz: 1st, 4th, 5th, 6th, 8th, 9th, 21st, 22d, 24th, 25th and 30th. Prevailing direction of the wind, S. There were 26 clear and fair and 4 cloudy days. Thunderstorms on the 6th, 7th and 8th. Aurora at 9.30 P. M. of 19th.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Highest temperature, 99°, on the 19th; lowest, 54°, on the 23d; range, 45°. The mean temperature of the month 73° 0, was 0° 4 above the June normal for the past eight years. The precipitation, 1.03 inches, was 3.55 inches below the June normal for the past eight years, falling on seven days, viz: 1st, 5th, 7th, 8th, 9th, 19th and 20th. Prevailing direction of the wind, S.; maximum velocity, gale, W., on the 7th and 8th. There were 17 clear, 12 fair and 1 cloudy days. Thunderstorms on the 1st, 5th, 7th, 8th, 9th, 18th and 20th. Lunar halo on the 3d.

**COOK COUNTY**—ALLEN BUELL, Sergeant Signal Corps, U. S. Army, Chicago. Highest barometer, 30.32, on the 27th; lowest, 29.65, on the 22d; mean, 29.965; range, 0.67. Highest temperature, 96° 4, on the 17th; lowest, 47° 9, on the 10th; range, 48° 5; greatest daily range, 26° 4; least daily, 9° 8; mean daily, 17° 0. The mean temperature of the month, 67° 3, was 1° 6 above the June normal for the past seventeen years. The precipitation, 1.63 inches, was 2.36 inches below the June normal for the past seventeen years, falling on seven days, viz: 1st, 4th, 5th, 6th, 8th, 20th and 30th. Mean dewpoint, 56° 1. Mean relative humidity, 70 per cent. Prevailing direction of the wind, S.W.; total movement, 6,460 miles; maximum velocity, 34 miles per hour, W., on the 18th. There were 12 clear, 13 fair and 5 cloudy days.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Highest temperature, 98°, on the 19th; lowest, 60°, on the 23d; range, 38°; greatest daily range, 21°, on the 24th; least daily, 1° 5, on the 8th; mean daily, 13° 6. The mean temperature of the month, 75° 6, was 2° 6 above the June normal for the past five years. The precipitation, 1.30 inches, was 2.77 inches below the June normal for the past five years, falling on five days, viz: 5th, 6th, 7th, 8th and 25th. Prevailing direction of the wind, E. & N.W. There were 21 clear, 5 fair and 4 cloudy days.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature, 95°, on the 17th and 18th; lowest, 53°, on the 25th; range, 48°; greatest daily range, 30°, on the 25th; least daily, 1° 4, on the 1st. The mean temperature of the month, 69° 5, was 2° 4 above the June normal for the past seven years. The precipitation, 1.12 inches, was 4.62 inches below the June normal for the past seven years, falling on seven days, viz: 1st, 4th, 5th, 6th and 7th. Prevailing direction of the wind, S.E.; maximum velocity, 40 miles per hour, on the 18th. There were 14 clear, 13 fair and 3 cloudy days. Thunderstorms on the 5th, 7th and 18th. Light frosts reported on the 23d, 24th and 25th. Normal precipitation for March, April, May and June 15.59 inches. Total precipitation for those four months in 1887, 4.04 inches.



**DOUGLAS COUNTY**—MISS MARY ILES, Observer, Camargo. Highest temperature, 94°, on the 18th and 19th; lowest, 56°, on the 1st; range, 38°. Precipitation fell on four days, viz: 1st, 5th, 6th and 7th. Prevailing direction of the wind, S.W. There were 5 clear, 19 fair and 6 cloudy days. Thunderstorm on the 1st. Hail on 1st. Meteors on 10th and 12th.

**EDGAR COUNTY**—WILBUR T. COOK, Observer, Paris. Highest temperature, 91°, on the 20th; lowest, 52°, on the 2d; range, 39°. The mean temperature of the month was 73°.8. The precipitation was 0.34 of an inch, and fell on two days, viz: 5th and 8th. Prevailing direction of the wind, S.W.; maximum velocity, gale, N.W., on the 22d. There were 15 clear, 11 fair and 4 cloudy days. Thunderstorms on the 1st and 5th. Solar halo on the 7th. Lunar halo on the 7th. Dense fog on 1st, 2d, 9th and 10th.

**EDWARDS COUNTY**—B. F. MICHELS, Observer, Albion. Highest temperature, 102°, on the 19th and 20th; lowest, 54°, on the 1st; range, 48°; greatest daily range, 30°, on the 7th; least daily, 1°, on the 9th. The mean temperature, of the month was 74°.5. The precipitation was 3.78 inches and fell on six days, viz: 1st, 4th, 7th, 9th, 24th and 30th. Prevailing direction of the wind, S.W.; maximum velocity, gentle, W., on the 17th. There were 17 clear, 8 fair and 5 cloudy days. Thunderstorms on the 4th and 19th. Solar halo on the 28th. Lunar halos on the 5th and 27th. Lunar rainbow at 10.20 P.M. of 8th—a complete semi-circle.

**EFFINGHAM COUNTY**—GEORGE STRONG, Observer, Eberle. Highest temperature, 94°, on the 17th and 21st; lowest, 52°, on the 10th; range, 42°. The precipitation was 1.11 inches, and fell on two days, viz: 7th and 17th. Prevailing direction of the wind, S. There were 9 clear, 17 fair and 4 cloudy days. Thunderstorms on the 7th, 8th and 17th. Solar halo on the 5th. Lunar halos on the 28th and 29th. Parhelia on 29th.

**FAYETTE COUNTY**—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.36, on the 26th and 27th; lowest, 29.81, on the 1st; mean, 30.063; range, 0.55. Highest temperature, 98°, on the 20th; lowest, 48°, on the 24th; range, 50°; greatest daily range, 34°, on the 24th; least daily, 12°, on the 21st and 25th; mean maximum, 86°.3; mean minimum, 66°.3. The mean temperature of the month was 74°.2. The precipitation was 0.93 of an inch, and fell on three days, viz: 1st, 5th and 25th. Prevailing direction of the wind, E. There were 18 clear, 7 fair and 5 cloudy days.

**FORD COUNTY**—FR. DIENELT, Observer, Melvin. Highest temperature, 90°.5, on the 17th; lowest, 54°.3, on the 23d; range, 36°; greatest daily range, 18°.8, on the 9th; least daily, 3°, on the 5th; mean daily, 12°.9. The mean temperature of the month, 70°.9, was 1°.3 above the June normal for the past two years. The precipitation, 2.75 inches, was 0.63 of an inch below the June normal for the past two years falling on five days, viz: 1st, 5th, 7th, 8th and 19th. Prevailing direction of the wind, S.W. There were 17 clear, 10 fair and 3 cloudy days. Thunderstorms on the 1st, 7th, 18th and 19th.

**FULTON COUNTY**—MARY C. BENNETT, Observer, Fairview. (Observations made a, 7 A. M. and 9 P. M. only.) Highest actual barometer, 29.40, on the 26th, 27th and 28th, lowest, 28.90, on the 1st; range, 0.50. Highest temperature, 80°, on the 6th; lowest, 50°, on the 1st; range, 30°. The precipitation was 1.28 inches, and fell on six days, viz: 3d, 4th, 5th, 7th, 8th and 18th. Prevailing direction of the wind, S.W. There were 18 clear, 1 fair and 11 cloudy days. Thunderstorms on the 7th and 30th. Rainbow on 7th. Clover harvest commenced June 4th. Rye harvest commenced about June 17th; wheat harvest, June 20th. Farmers commenced thrashing June 25th.

**GREENE COUNTY**—P. J. BATES, Observer, White Hall. Highest temperature, 90°, on the 17th to 20th; lowest, 58°, on the 2d; range, 32°; greatest daily range, 20°, on the 23d; least daily, 4°, on the 25th. The mean temperature of the month, 76°.1, was 1.4 above the June normal for the past three years. The precipitation, 1.07 inches, was 3.72 inches below the June normal for the past three years, falling on seven days, viz: 1st, 5th, 8th, 9th, 21st, 24th and 25th. Prevailing direction of the wind, S.E. There were 21 clear, 5 fair and 4 cloudy days. Thunderstorms on the 6th, 7th, 9th and 17th.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Highest temperature, 102°, on the 20th; lowest, 50°, on the 2d and 24th; range, 52°; greatest daily range, 33°, on the 3d; least daily 4°, on the 25th; mean daily, 73°.5, was 0°.6 below the June normal for the past six years. The precipitation, 3.45 inches, was 1.62 inches below the June normal for the past six years, falling on nine days, viz: 1st, 4th, 5th, 6th, 8th, 9th, 22d, 25th and 30th. Prevailing direction of the wind, S.E.; maximum force, 4, S.E. and N.W., on the 20th and 25th. There were 10 clear, 17 fair and 3 cloudy days. Thunderstorms on the 1st, 3d, 4th, 6th, 7th, 8th, 9th, 19th, 20th and 22d.

**HANCOCK COUNTY**—FRED Z. GOSEWISCH, Sergeant, Signal Corps, U S. Army, Keokuk, Iowa. Highest actual barometer, 29.61, on the 26th; lowest, 29.13, on the 1st; mean, 29.320; range, 0.48. Highest temperature, 95°.2, on the 17th; lowest, 50°.1, on the 1st and 24th; range, 45°.1; greatest daily range, 28°.4, on the 19th; least daily, 13°.5, on the 3th; mean daily, 20°.7. The mean temperature of the month, 72°.8, was 0°.6 above the June normal for the past sixteen years. The precipitation, 1.55 inches, was 3.64 inches below the June normal for the past sixteen years, falling on six days, viz: 4th, 5th, 8th, 20th, 21st and 29th. Mean dew-point, 59°.9. Mean relative humidity, 69 per cent. Prevailing direction of the wind, S.E.; total movement, 5,205 miles; maximum velocity, 36 miles per hour, S.W., on the 3d. There were 13 clear, 14 fair and 3 cloudy days.

**HENDERSON COUNTY**—R. HODSON, Observer, Oquawka. Highest temperature, 104°, on the 19th; lowest, 60°, on the 24th; range, 44°. The precipitation was 1.25 inches, and fell on three days, viz: 9th, 29th and 30th. Prevailing direction of the wind, S.E. There were 17 clear, 10 fair and 3 cloudy days.

**HENRY COUNTY**—N. W. THORNTON, Observer, Geneseo. Highest temperature,



98°.5, on the 18th; lowest, 50°, on the 1st; range, 48°.5; mean maximum, 84°.2; mean minimum, 59°.8. The mean temperature of the month was 74°.2. The precipitation was 1.39 inches and fell on four days, viz: 13th, 19th, 20th and 30th. Prevailing direction of the wind, S.W. There were 12 clear, 13 fair and 5 cloudy days. Thunderstorms on the 4th, 7th, 18th and 30th.

**IROQUOIS COUNTY**—HENRY UPSALL, Observer, Watscka. Highest barometer, 30.33, on the 27th; lowest, 29.73, on the 1st; range, 0.60; mean, 29.984. Highest temperature, 95°.8, on the 30th; lowest, 47°.8, on the 24th; range, 48°.0; mean maximum, 85°.7; mean minimum, 58°.9; greatest daily range, 37°.7, on the 26th; least daily, 15°.7, on the 2d; mean daily, 26°.7. The mean temperature of the month, 71°.0, was 1°.4 above the June normal for the past three years. The precipitation, 2.05 inches, was 0.80 of an inch below the June normal for the past three years, falling on six days, viz: 1st, 5th, 7th, 8th, 19th and 20th. Mean dewpoint, 61°.7. Mean relative humidity, 73 per cent. Prevailing direction of the wind, S.W.; total movement, 4,031 miles; maximum velocity, 32 miles per hour, N.W., on the 18th. There were 18 clear, 5 fair and 7 cloudy days. Thunderstorms on the 1st, 5th, 7th, 8th, 19th and 20th.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.25, on the 27th; lowest, 29.67, on the 22d; range, 0.58; mean, 29.936. Highest temperature, 99°, on the 18th; lowest, 44°, on the 24th; range, 55°; mean maximum, 85°.2; mean minimum, 60°.6; greatest daily range, 39°, on the 24th and 28th; least daily, 8°, on the 1st; mean daily, 25°.0. The mean temperature of the month, 72°.0, was 2°.2 above the June normal for the past eight years. The precipitation, 0.58 of an inch, was 2.62 inches below the June normal for the past eight years, falling on six days, viz: 1st, 4th, 5th, 9th, 19th and 20th. Mean relative humidity, 70 per cent. Prevailing direction of the wind, W. and S.E.; maximum velocity, 40 miles per hour, W., on the 18th. There were 7 clear, 16 fair and 7 cloudy days. Thunderstorms on the 4th and 19th. June 1883 and 1884 highest temperature was 94°. The highest temperature in June of which I have a record. Rainfall for spring months April, May and June, 1887, is 2.25 inches below the mean for corresponding months for last 8 years.

**KANKAKEE COUNTY**—H. M. BANNISTER, Observer, Kankakee. Highest actual barometer, 29.49, on the 27th; lowest, 28.89, on the 1st; range, 0.60. Highest temperature, 98°, on the 14th and 15th; lowest, 58°, on the 3d and 25th; range, 40°. The mean temperature of the month was 73°.1. The precipitation was 1.75 inches, and fell on four days, viz: 4th, 5th, 7th and 8th. Prevailing direction of the wind, S. There were 9 clear, 12 fair and 9 cloudy days. Thunderstorms on the 5th and 8th.

**KNOX COUNTY**—T. A. WETMORE, Observer, Oneida. Highest temperature, 100°, on the 18th; lowest, 55°, on the 1st; range, 45°; greatest daily range, 30°, on the 18th; least daily, 4°, on the 8th; mean daily, 15°.4. The mean temperature of the month, 75°.5, was 3°.1 above the June normal for the past three years. The precipitation, 3.00 inches, was 0.27 of an inch below the June normal for the past three years, falling on seven

days, viz: 4th, 5th, 8th, 18th, 21st, 29th and 30th. Prevailing direction of the wind, S. There were 13 clear, 11 fair and 6 cloudy days. Thunderstorms on the 5th, 8th, 18th and 30th. Hail on the 18th. Lunar halo on the 28th. There was thunder and lightning in the south and southwest on the 6th and 7th but no rain here. About 6 P.M. of the 18th there was a severe wind and dust storm lasting from 20 minutes to one-half hour, the wind blowing a gale and the dust so thick in the air that you could scarcely see. A good many limbs were blown from the trees but no further damage. After the wind there was a little hail and about three-fourths of an inch of rain fell. Lightning was visible in the north and northwest in the evening. The past month has been considerable above the normal in temperature and below in precipitation.

**LAKE COUNTY**—L. R. F. GRIFFIN, Observer, Lake Forest University, Lake Forest. Highest barometer, 30.05, on the 26th; lowest, 29.42, on the 17th; range, 0.63; mean, 29.780. Highest temperature, 102°, on the 17th; lowest, 57°, on the 1st and 9th; range, 51°; greatest daily range, 24°, on the 17th; least daily, 2°, on the 1st; mean daily, 13°.0. The mean temperature of the month, 67°.6, was 1°.8 above the June normal for the past two years. The precipitation, 1.00 inch, was 0.64 of an inch below the June normal for the past two years, falling on seven days, viz: 1st, 4th, 5th, 8th, 18th, 20th and 30th. Mean dewpoint, 57°.8. Mean relative humidity, 69 per cent. Prevailing direction of the wind, S.W. There were 4 clear, 19 fair and 7 cloudy days. Thunderstorms on the 4th, 8th and 20th. Aurora on the 12th. Meteor on the 25th.

**LASALLE COUNTY**—DR. J. O. HARRIS, Observer, Ottawa. Highest temperature, 93°, on the 17th, 18th and 20th; lowest, 54°, on the 1st; range, 39°. The mean temperature of the month, was 71°.1. The precipitation, 1.12 inches, was 2.71 inches below the June normal for past six years, falling on six days, viz: 4th, 5th, 6th, 7th, 18th and 20th. Prevailing direction of the wind, S.E.; maximum velocity, fresh, on several dates. Thunderstorms on the 7th, 18th and 19th.

**LAWRENCE COUNTY**—J. A. FYFFE, Observer, Sumner. Highest temperature, 98°, on the 19th and 20th; lowest, 56°, on the 1st; range, 42°. The mean temperature of the month 72°.7, was 0°.9 below the June normal for the past two years. The precipitation, 0.80 of an inch was 2.65 inches below the June normal for the past two years, falling on three days, viz: 5th, 8th and 25th. Prevailing direction of the wind, S.E.; maximum force, 5, on several dates. There were 25 clear, 3 fair and 2 cloudy days.

**LEE COUNTY**—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.40, on the 26th; lowest, 29.68, on the 1st; range, 0.72; mean, 29.920. Highest temperature, 96°, on the 17th and 18th; lowest, 56°, on the 1st, 2d, 3d and 24th; range, 40°; mean maximum, 83°.2; mean minimum, 65°.0; greatest daily range, 28°, on the 18th; least daily, 1°, on the 5th; mean daily, 16°.8. The mean temperature of the month was 73°.2. The precipitation was 2.03 inches and fell on six days, viz: 5th, 7th, 13th, 18th, 20th and 30th. Mean relative humidity, 74 per cent. Prevailing direction of the wind, E.; total movement 4,736 miles; maximum velocity, 14 miles per



hour. There were 14 clear, 5 fair and 11 cloudy days. Thunderstorms on the 5th, 7th, 13th, 18th and 20th. Solar halos on the 17th and 25th. Lunar halos on the 1st and 26th.

**LIVINGSTON COUNTY**—ISAAC YOUNG, Observer, Pontiac. Highest temperature, 98°, on the 18th; lowest, 48°, on the 24th; range, 50°; greatest daily range, 34°, on the 14th, 26th and 27th; least daily, 12°, on the 23d. The mean temperature of the month was 72°.3. The precipitation was 0.28 of an inch, and fell on four days, viz: 1st, 5th, 7th and 8th. Prevailing direction of the wind, N. E. & S. W. There were 15 clear, 7 fair and 8 cloudy days. Thunderstorm on the 7th. A gale of wind on the 18th from 8 till 9 o'clock, P. M. Northern lights on the 21st, followed by a cool wave from the north and northwest.

**LOGAN COUNTY**—L. H. SULLIVAN, Observer, Beason. Highest temperature, 101°.5, on the 18th; lowest, 54°, on the 2d and 24th; range, 47°.5. The mean temperature of the month was 76°.6. Prevailing direction of the wind, S. E.; maximum velocity, high, W., on the 22d. There were 15 clear, 13 fair and 2 cloudy days. Dense fog on A. M. of 9th, and light fog on 6th and 10th.

**MACON COUNTY**—REV. N. M. BAKER, Observer, Decatur. Highest actual barometer 29.70, on the 27th; lowest, 29.18, on the 1st; range, 0.52. Highest temperature, 94°, on 20th, lowest, 54°, on the 1st; range, 40°. Very dry; no rain during the month.

**MACOUPIN COUNTY**—A. C. GISH, Observer, Virden. Highest temperature, 98°, on the 18th and 20th; lowest, 48°, on the 24th; range, 50°. There were 24 clear, 6 fair and 0 cloudy days. Cool wave from 21st to 24th. Showers on 8th, 21st and 30th.

**MADISON COUNTY**—DR. J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 95°.8, on the 20th, lowest, 49°, on the 24th; range, 46°.8; mean maximum, 79° 7; mean minimum, 63°.0; greatest daily range, 28°.0, on the 19th; least daily, 10°.0, on the 25th; mean daily, 24°.6. The mean temperature of the month, 70°.8, was 1°.6 below the June normal for the past eight years. The precipitation, 2.37 inches, was 2.94 inches below the June normal for the past five years, falling on nine days, viz: 1st, 2d, 3d, 4th, 5th, 21st, 24th, 25th and 30th. Prevailing direction of the wind, S; maximum force, 4, N. W., on the 6th. There were 18 clear, 10 fair and 2 cloudy days. Thunderstorms on the 3d, 4th, 5th, 6th, 7th, 8th, 19th, 20th and 21st.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Highest temperature, 102°.5, on the 18th; lowest, 56°, on the 1st and 2d; range, 46°.5; greatest daily range, 26°, on the 13th; least daily, 7°, on the 25th. The precipitation, was 2.34 inches and fell on four days, viz: 1st, 6th, 8th and 25th. Prevailing direction of the wind, S. E.; maximum velocity, 15 miles per hour. Thunderstorms on the 6th 8th and 9th.

**MARSHALL COUNTY**—REV. A. C. PRICE, Observer, Lacon. Highest actual barometer, 29.89, on the 27th; lowest, 29.22, on the 1st; range, 0.67; mean, 29.527. Highest temperature, 100°, on the 17th; lowest, 55°, on the

24th; range, 45°; greatest daily range, 29° on the 24th; least daily, 2°, on the 3d; mean daily, 16°.3. The mean temperature of the month was 70°.0. The precipitation was 3.47 inches and fell on five days, viz: 1st, 4th, 5th, 8th, 19th. Prevailing direction of the wind, S. W. There were 16 clear, 10 fair and 4 cloudy days. Light thunderstorms 1st, 5th, 7th and 19th. Scarcely any electrical excitement during the month.

**MCHEMRY COUNTY**—GEO. D. SILLIMAN, Observer, Woodstock. Highest temperature, 99°, on the 18th; lowest, 46°, on the 24th; range, 53°; greatest daily range, 41°, on the 25th; least daily, 6°, on the 8th; mean daily, 23°.5; mean maximum, 83°.6; mean minimum, 59°.9. The mean temperature of the month was 70°.0. The precipitation was 1.48 inches and fell on seven days, viz: 1st, 5th, 7th, 8th, 20th, 21st and 30th. Prevailing direction of the wind, S. W. There were 14 clear, 10 fair and 6 cloudy days. Thunderstorms on the 7th and 20th. Solar halos on the 7th and 29th.

**MCHEMRY COUNTY**—JOHN W. JAMES, Observer, Riley. Highest temperature, 94°.2, on the 18th; lowest, 45°.5, on the 24th; range, 48°.7; greatest daily range, 32°, on the 18th; least daily, 4°, on the 8th; mean daily, 69°.0. The mean temperature of the month, 69°.0, was 2°.4 above the June normal for the past twenty-seven years. The precipitation, 1.23 inches, was 2.75 inches below the June normal for the past twenty-seven years, falling on seven days, viz: 1st, 5th, 7th, 8th, 18th, 20th and 21st. Prevailing direction of the wind, S. W. There were 11 clear, 14 fair and 5 cloudy days. Thunderstorms on the 8th and 20th. Frost on the 24th. Solar halos on the 29th and 30th. Lunar halos on the 3d and 28th. The gale on evening of the 18th did some damage by blowing down trees, breaking farm wind-mills, etc. Slight frost morning of 24th touched, and in some cases, killed corn on low, wet land.

#### SUN SPOTS IN JUNE, 1887.

A very large spot came in sight on E. limb of sun, late on the 5th; was on sun's meridian 11th, and disappeared, by the solar rotation, 17th; estimated diameter, 37,700 miles. A smaller spot appeared on E. limb, morning of 26th.

**MERCER COUNTY**—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 97°, on the 18th; lowest, 48°, on the 24th; range, 49°; greatest daily range, 37°, on the 18th; least daily, 9°, on the 5th. The precipitation 2.05 inches, was 2.81 inches below the June normal for the past fourteen years falling on nine days, viz: 4th, 5th, 8th, 9th, 13th, 18th, 20th, 29th and 30th. Prevailing direction of the wind, S. Owing to the scarcity of rain during the past two months water is very scarce and crops are in an unfavorable condition.

**MONTGOMERY COUNTY**—MR. A. T. STRANGE, a correspondent from Walshville, reports as follows relative to a local cyclonic disturbance on the 16th: "The storm on the 16th was a veritable cloud-burst. The clouds first gathered from the N. W., and the two uniting passed quite over, then returned with terrific force, and for two hours it rained here the hardest I ever saw. Branches were never so full, and the ground was literally enveloped with water."



**PEORIA COUNTY.**—DR. FRED BRENDL, Observer, Peoria. Highest actual barometer, 29.90, on the 26th; lowest, 29.34, on the 1st; mean, 29.557; range, 0.56. Highest temperature, 101°, on the 18th; lowest, 53°, on the 24th; range, 48°. The mean temperature of the month, 77°.7, was 4°.2 above the June normal for the past thirty-two years. The precipitation, 1.53 inches, was 2.41 inches below the June normal for the past thirty-two years, falling on seven days, viz: 1st, 4th, 5th, 6th, 8th, 18th and 30th. Mean relative humidity, 60 per cent. Prevailing direction of the wind, E.; maximum force, 7, W., on the 18th. There were 14 clear, 13 fair and 3 cloudy days. Thunderstorms on the 5th, 6th and 8th. Lunar halo on the 3d.

**PIATT COUNTY.**—J. W. C. GRAY, Observer, Atwood. Highest temperature, 98°, on the 19th; lowest, 46°.0, on the 24th; range, 52°; greatest daily range, 24°, on the 18th; least daily, 10°, on the 9th. The mean temperature of the month was 71°.8. The precipitation was 1.74 inches, and fell on five days, viz: 1st, 4th, 5th, 7th and 8th. Prevailing direction of the wind, S.W. There were 17 clear, 5 fair and 8 cloudy days. Thunderstorms on the 20th, 29th and 30th. Hail on the 7th. Solar halos on the 3d, 6th, 24th and 28th. Lunar halo on the 3d.

**PIKE COUNTY.**—M. J. HASSLER, Observer, Louisiana, Mo. Highest temperature, 100°, on the 20th; lowest, 42°, on the 24th; range, 58°. The mean temperature of the month, 71°.8, was 0°.1 below the June normal for the past two years. The precipitation, 1.97 inches, was 1.40 inches below the June normal for the past two years, falling on eleven days, viz: 1st, 2d, 3d, 6th, 7th, 8th, 9th, 20th, 25th, 29th and 30th. Thunderstorms on the 3d, 6th, 7th, 17th, 18th, 20th and 30th.

**POPE COUNTY.**—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 96°, on the 18th and 19th; lowest, 56°, on the 1st; range, 40°; greatest daily range, 20°, on the 4th; least daily, 5°, on the 30th. The mean temperature of the month, 76°.0, was 1°.5 above the June normal for the past eight years. The precipitation, 2.66 inches, was 2.53 inches below the June normal for the past eight years, falling on eight days, viz: 1st, 4th, 6th, 19th, 27th, 28th, 29th and 30th. Prevailing direction of the wind, E.; maximum velocity, 6 to 14 miles per hour, on the 5th, 11th and 27th. There were 11 clear, 9 fair and 10 cloudy days. Thunderstorms on the 1st, 4th, 19th and 27th. Rain less than .01 of an inch fell on 5 days, viz: 20th, 21st, 22d, 24th and 25th.

**PULASKI COUNTY.**—H. S. BLANCHARD, Observer, North Caledonia. Highest temperature, 100°, on the 20th; lowest, 57°, on the 1st; range, 43°. The mean temperature of the month was 79°.2. The precipitation was 0.43 of an inch and fell on four days, viz: 1st, 22d, 29th and 30th. Prevailing direction of the wind, S.E. and S.W.; maximum force, 7, E., on the 19th. There were 7 clear, 15 fair and 8 cloudy days. Thunder on the 1st, 3d, 6th, 8th, 9th, 21st and 27th. Red sunset on the 15th. Paraselenes on the 1st, 2d, 3d and 29th. Meteor on the 20th. Notwithstanding the high temperature of June and the drouth, nearly all planted crops survive and look well and are yielding better than expected where harvested or gathered. But few insects or pests except

the chinch and potato bugs. Peaches and apples are smaller in size than usual for July 1st.

**PUTNAM COUNTY.**—A. T. PURVIANCE, Observer, Hennepin. Highest temperature, 102°, on the 18th and 19th; lowest, 42°, on the 24th; range, 60°; greatest daily range, 44°, on the 18th; least daily, 16°, on the 1st. The precipitation was 1.70 inches, and fell on seven days, viz: 1st, 4th, 5th, 7th, 8th, 19th and 30th. Prevailing direction of the wind, E. There were 16 clear, 4 fair and 10 cloudy days. At 7 P. M. of the 18th, there was a brisk wind from the west; dark and threatening clouds, had the appearance of clouds of dust.

**RANDOLPH COUNTY.**—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature, 96°, on the 18th and 19th; lowest, 56°, on the 1st; range, 40°; mean maximum, 84°.0; mean minimum, 69°.4; greatest daily range, 20°, on the 26th; least daily, 6°, on the 1st; mean daily, 15°.2. The mean temperature of the month was 77°.8. The precipitation was 2.27 inches and fell on nine days, viz: 1st, 4th, 5th, 6th, 8th, 21st, 22d, 28th and 29th. Prevailing direction of the wind, S.W.; maximum velocity, high, S.W., on the 8th. There were 16 clear, 10 fair and 4 cloudy days. Thunderstorms on the 1st, 4th, 8th, 19th, 21st and 22d. Parhelia on 7th. High wind, heavy rain, thunder and lightning between 6 and 7 P. M. of the 8th; the wind blowing from the S.W. at this station during the storm; both east and west about two miles it was reported that the wind was blowing strong from the N.W.

**ROCK ISLAND COUNTY.**—R. R. MARTIN, Sergeant, Signal Corps, U. S. Army, Davenport, Iowa. Highest actual barometer, 29.64, on the 26th; lowest, 29.11, on the 17th; mean, 29.315; range, 0.53. Highest temperature, 97°, on the 17th; lowest, 50°.7, on the 1st; range, 46°.3; greatest daily range, 29°.0, on the 28th; least daily, 12°.8, on the 5th. The mean temperature of the month, 73°.0, was 2°.5 below the June normal for the past sixteen years. The precipitation, 1.66 inches, was 2.50 inches below the June normal for the past seventeen years, falling on ten days, viz: 4th, 5th, 8th, 13th, 18th, 19th, 20th, 21st, 29th and 30th. Mean dewpoint, 58°.6. Mean relative humidity, 64 per cent. Prevailing direction of the wind, E.; total movement, 4,763 miles; maximum velocity, 38 miles per hour, W., on the 18th. There were 10 clear, 13 fair and 7 cloudy days. Thunderstorms on the 13th, 18th, 20th and 30th. Lunar halo on the 2d.

**SANGAMON COUNTY.**—JOHN CRAIG, Sergeant, Signal Corps, U. S. Army, Springfield. Highest barometer, 30.29, on the 26th; lowest, 29.76, on the 1st; mean, 29.996; range, 0.53. Highest temperature, 96°, on the 18th; lowest, 50°.7, on the 2d; range, 45°.3; greatest daily range, 29°.9, on the 18th; least daily, 10°.4, on the 25th; mean daily, 21°.5. The mean temperature of the month, 72°.6, was 1°.1 above the June normal for the past eight years. The precipitation, 3.07 inches, was 2.66 inches below the June normal for the past eight years, falling on seven days, viz: 1st, 5th, 8th, 16th, 17th, 21st and 30th. Mean dewpoint, 61°.4. Mean relative humidity, 70 per cent. Prevailing direction of the wind, S.W.; total movement, 5,152 miles; maximum velocity, 25 miles per hour, N.E., on the 18th. There



were 12 clear, 13 fair and 5 cloudy days. Solar halos on the 10th and 28th. Lunar halo on the 3d.

**SHELBY COUNTY**—A. H. HATCH, Observer, Windsor. Highest barometer, 30.30, on the 26th; lowest, 29.77, on the 1st; range, 0.53; mean, 30.035. Highest temperature, 99°.7, on the 18th; lowest, 51°.0, on the 2d; range, 48°.7; mean maximum, 87°.4; mean minimum, 61°.1; greatest daily range, 38°.0, on the 27th; least daily, 15°.3, on the 25th; mean daily, 26°.3. The mean temperature of the month, 75°.1, was 1°.2 above the June normal for the past two years. The precipitation, 1.01 inches, was 2.79 inches below the June normal for the past two years, falling on six days, viz: 1st, 5th, 7th, 8th and 30th. Mean dewpoint, 61°.1. Mean relative humidity, 65 per cent. Prevailing direction of the wind, S E.; total movement, 4,537 miles; maximum velocity, 48 miles per hour, N., on the 9th. There were 8 clear, 18 fair and 4 cloudy days. Thunderstorms on the 7th, 8th, 9th, 18th and 20th. A very brilliant and variegated sunset on 9th. A large and brilliant meteor on 16th, appeared going north; it was first observed in the zenith by the bright light. Path about 60° long, exploding at about 30° N.

**STARK COUNTY**—EDWIN BUTLER, Observer, Toulon. Highest temperature, 92°, on the 18th; lowest, 49°, on the 1st; range, 43°; greatest daily range, 26°, on the 3d; least daily, 8°, on the 17th. The mean temperature of the month was 65°.9. The precipitation was 2.61 inches and fell on seven days, viz: 3d, 4th, 7th, 8th, 18th, 20th and 30th. Prevailing direction of the wind, W.; maximum velocity, light. There were 15 clear, 9 fair and 6 cloudy days.

**ST. CLAIR COUNTY**—DR. G. LEIBROCK, Observer, Mascoutah. Highest temperature, 99°, on the 20th; lowest, 46°, on the 1st; range, 53°; greatest daily range, 32°, on the 6th and 7th; least daily, 12°, on the 11th, 21st and 30th. The precipitation was 1.50 inches, and fell on five days, viz: 1st, 5th, 6th, 24th and 25th. Thunderstorms on the 1st, 5th, 6th, 7th and 21st.

**ST. CLAIR COUNTY**—G. A. WEBER, Sergeant, Signal Corps, U. S. Army, St. Louis, Mo. Highest barometer, 30.22, on the 26th; lowest, 29.74, on the 1st; mean, 29.971; range, 0.48. Highest temperature, 97°, on the 20th; lowest, 57°.2, on the 1st; range, 39°.8; greatest daily range, 22°.9, on the 21st; least daily, 9°.9, on the 25th; mean daily, 16°.6. The mean temperature of the month, 77°.3, was 2°.7 above the June normal for the past seventeen years. The precipitation, 2.54 inches, was 2.43 inches below the June normal for the past seventeen years, falling on eight days, viz: 1st, 4th, 6th, 7th, 21st, 24th, 25th and 29th. Mean dewpoint, 60°.7. Mean relative humidity, 59 per cent. Prevailing direction of the wind, S.; total movement, 4,864 miles; maximum velocity, 24 miles per hour, S. and N., on the 4th and 21st. There were 13 clear, 12 fair and 5 cloudy days.

**STEPHENSON COUNTY**—JOHN WRIGHT, Observer, Cedarville. Highest temperature, 98°, on the 18th; lowest, 50°, on the 24th; range, 48°. The mean temperature of the month, 71°.9, was 2°.3 above the June normal for the past two years. The precipita-

tion, 1.12 inches, was 0.62 of an inch below the June normal for the past two years, falling on three days, viz: 18th, 20th and 30th. Prevailing direction of the wind, S.E. and N.W.; maximum velocity, high, N.W., on the 18th. There were 18 clear, 9 fair and 3 cloudy days. Thunderstorms on the 1st, 7th, 18th and 20th. Dust storm on 18th.

**TAZEWELL COUNTY**—REV. J. E. TERBORG, Observer, Pekin. Highest barometer, 30.26, on the 27th; lowest, 29.38, on the 4th; range, 0.88; mean, 29.945. Highest temperature, 98°, on the 18th and 20th; lowest, 45°, on the 24th; range, 53°; mean maximum, 83°.1; mean minimum, 61°.8; greatest daily range, 37°, on the 24th; least daily, 15°, on the 9th and 21st; mean daily, 26°.3. The mean temperature of the month, 76°.0, was 1°.2 above the June normal for the past two years. The precipitation, 3.10 inches, was 1.05 inches below the June normal for the past six years, falling on five days, viz: 4th, 5th, 6th, 7th and 8th. Mean dewpoint, 67°.0. Mean relative humidity, 75 per cent. Prevailing direction of the wind, S.W.; maximum velocity, 40 to 59 miles per hour, N.W., on the 18th. There were 16 clear, 5 fair and 9 cloudy days. Thunderstorms on the 4th, 5th, 6th, 8th, 18th and 19th. Lunar halos on the 3d and 28th. Auroras on the 1st, 3d, 5th and 28th. Meteor on the 30th. Thunder without lightning on 1st. Lightning without thunder on 7th, 19th, 20th and 30th.

**VERMILION COUNTY**—MISS CARRIE JEAN TREGO, Observer, Hoopeston. Highest actual barometer, 29.60, on the 26th and 27th; lowest, 28.98, on the 17th; mean, 29.240; range, 0.62. Highest temperature, 94°, on the 20th; lowest, 52°, on the 2d; range, 42°; mean maximum, 84°.5; mean minimum, 61°.2. The mean temperature of the month, was 74°.5. The precipitation was 1.24 inches and fell on two days, viz: 5th and 8th. Prevailing direction of the wind, S E. Lunar halos on the 4th, 29th and 30th. (Fourteen observations missing.)

**WASHINGTON COUNTY**—A. G. TUCKER, Observer, Richview. Highest barometer, 30.20, on the 26th; lowest, 29.70, on the 1st; mean, 29.952; range, 0.50. Highest temperature, 98°.2, on the 18th; lowest, 50°, on the 2d; range, 48°.2; greatest daily range, 29°.0, on the 18th; least daily, 11°.9, on the 25th; mean daily, 21°.6; mean maximum, 84°.1; mean minimum, 62°.5. The mean temperature of the month, 73°.4, was 0°.8 above the June normal for the past two years. The precipitation, 2.08 inches, was 1.30 inches below the June normal for the past two years, falling on eight days, viz: 1st, 4th, 5th, 6th, 8th, 25th, 28th and 29th. Mean dewpoint, 64°.7. Mean relative humidity, 75 per cent. Prevailing direction of the wind, S.W.; maximum force, 5, N.W., on the 6th. There were 16 clear, 11 fair and 3 cloudy days. Thunderstorms on the 4th, 6th and 8th.

**WAYNE COUNTY**—JACOB HALL, Observer, Fairfield. (Observations made at 7 A. M. and 2 P. M. only.) Highest temperature, 98°, on the 19th; lowest, 56°, on the 2d; range, 42°; greatest daily range, 25°, on the 7th and 14th; least daily, 4°, on the 28th. The mean temperature of the month was 77°.3. The precipitation was 1.73 inches, and fell on six days, viz: 1st, 4th, 5th, 8th, 19th and 25th. Prevailing direction of the wind, S.



and S.E. There were 14 clear, 12 fair and 4 cloudy days. Thunderstorm on the 1st.

**WILL COUNTY**—MISS ANNA B. NASH, Observer, Joliet. Highest temperature, 99°, on the 30th; lowest, 49°, on the 3d; range, 50°; mean maximum, 83° 8; mean minimum, 61°.6; greatest daily range, 36°, on the 3d and 25th; least daily, 5°, on the 5th; mean daily, 22°.2. The mean temperature of the month was 72°.6. The precipitation was 2.07 inches and fell on three days, viz: 4th, 5th and 8th. Prevailing direction of the wind, E. and S.E. There were 23 fair and 7 cloudy days. Thunderstorms on the 5th and 8th.

**WINNEBAGO COUNTY**—JOHN W. BUDLONG, Observer, Rockford. Highest actual barometer, 29.85, on the 7th; lowest, 29.17, on the 24th; range, 0.68; mean, 29.460. Highest temperature, 94°, on the 15th and 29th; lowest, 55°, on the 24th; range, 39°; greatest daily range, 21°, on the 23d; least daily, 1°, on the 1st and 22d. The mean temperature of the month was 76°.0. Light rains fell on two days, viz: 8th and 30th. Prevailing direction of the wind, S.W. There were 10 clear, 8 fair and 12 cloudy days. This has been a painfully dry month, in which pastur-

age was entirely dried up, and all crops failing.

**WOODFORD COUNTY**—CASSIUS C. ROGERS, Observer, Minonk. Highest temperature, 98°, on the 17th and 18th; lowest, 58°, on the 1st and 23d; range, 40°; mean maximum, 85°.6; mean minimum, 71°.5; greatest daily range, 24°, on the 18th; least daily, 6°, on the 8th; mean daily, 15°.4. The mean temperature of the month, 75°.5, was 1°.1 above the June normal for the past two years. The precipitation, 0.25 of an inch was 1.60 inches below the June normal for the past two years, falling on three days, viz: 5th, 7th and 8th. Prevailing direction of the wind, W. and S.W. There were 20 clear, 3 fair and 7 cloudy days. Thunder on the 1st and 3d. Solar halo on the 13th. Fog on the 1st.

**FRANKLIN COUNTY**—JOHN MCPHERSON, Observer, Benton. Highest temperature, 104°, on the 19th; lowest, 60°, on 1st; range, 44°. The precipitation was 1.40 inches, and fell on seven days, viz: 1st, 4th, 5th, 6th, 8th, 9th, 25th and 30th. Prevailing direction of the wind, S.W.; maximum velocity, gale, S.W., on the 22d. There were 18 clear, 10 fair and 2 cloudy days.

Summary of Meteorological Observations for the month of June,  
Service Observers. Hours of Observation: Voluntary—  
vice—7 A.M., 3 P.M. and 10

STATIONS.		AIR PRESSURE.						TEMPERATURE.			
		Highest.	Date.	Lowest.	Date.	Mean.	Absolute range.	Highest.	Date.	Lowest.	Date.
NORTHERN DIVISION.											
County.	Place.										
Lake.....	Lake Forest..	30.05	26	29.42	17	29.780	0.63	102	17	51	1,9
McHenry....	Riley.....	.....	.....	.....	.....	.....	.....	92.2	18	45.5	24
McHenry....	Woodstock..	.....	.....	.....	.....	.....	.....	99	18	46	24
Boone.....	Belvidere....	.....	.....	.....	.....	.....	.....	99	18	50	24
*Winnebago..	Rockford....	29.85	7	29.17	24	29.460	0.68	94	15,29	55	24
Stephenson..	Cedarville...	.....	.....	.....	.....	.....	.....	98	18	50	24
Cook.....	Chicago.....	30.32	27	29.65	22	29.965	0.67	96.4	17	47.9	10
Kane.....	Aurora.....	30.25	27	29.67	22	29.936	0.58	99	18	44	24
DeKalb.....	Sycamore.....	.....	.....	.....	.....	.....	.....	95	17,18	53	25
Carroll.....	Lanark.....	.....	.....	.....	.....	.....	.....	97	18	53	24
Lee.....	Prairieville..	30.40	26	29.68	1	29.920	0.72	96	17,18	56	1,2,3,24
Will.....	Joliet.....	.....	.....	.....	.....	.....	.....	99	30	49	3
LaSalle.....	Ottawa.....	.....	.....	.....	.....	.....	.....	93	17,18,20	54	1
Bureau.....	Neponset....	.....	.....	.....	.....	.....	.....	98	18	44	24,25
Putnam.....	Hennepin...	.....	.....	.....	.....	.....	.....	102	14,19	42	24
Henry..	Geneseo.....	.....	.....	.....	.....	.....	.....	98.5	18	50	1
*Rock Island.	Davenport, Ia	29.64	26	29.11	17	29.315	0.53	97	17	50.7	1
Mercer.....	Aledo.....	.....	.....	.....	.....	.....	.....	97	18	48	24
*Kankakee...	Kankakee...	29.49	27	28.89	1	.....	0 60	98	14,15	58	3,25
Livingston..	Pontiac.....	.....	.....	.....	.....	.....	.....	98	18	48	24
*Marshall..	Lacon.....	29.87	27	29.22	1	29.527	0 67	100	17	55	24
Woodford...	Minonk.....	.....	.....	.....	.....	.....	.....	98	17,18	58	1,23
Stark.....	Toulon.....	.....	.....	.....	.....	.....	.....	92	18	49	1
*Peoria.....	Peoria.....	29.90	26	29.34	1	29.557	0.56	101	18	53	24
Knox.....	Oneida.....	.....	.....	.....	.....	.....	.....	100	18	55	1
Henderson..	Oquawka....	.....	.....	.....	.....	.....	.....	104	19	60	24
Iroquois....	Watseka....	30.33	27	29.73	1	29.984	0.60	95.8	30	47.8	24
Means.....	.....	.....	.....	.....	.....	29.951	0.62	.....	.....	.....	.....
CENTRAL DIVISION.											
Ford.....	Melvin.....	.....	.....	.....	.....	.....	.....	90.5	17	54.3	23
Tazewell....	Pekin.....	30.26	27	29.38	4	29.945	0.88	98	18,20	45	24
*Fulton.....	Fairview....	29.40	26,27,28	28.90	1	.....	0.50	80	6	50	1
*Hancock....	Keokuk, Ia..	29.61	26	29.13	1	29.320	0.48	95.2	17	50.1	1,24
*Vermilion...	Hoopeston..	29.60	26,27	28.98	17	29.240	0.62	94	20	52	2
Champaign..	Philo.....	30.30	27	29.80	18	30.010	0.50	99	29	50	23
Platt.....	Atwood.....	.....	.....	.....	.....	.....	.....	98	19	46	24
Logan.....	Beason.....	.....	.....	.....	.....	.....	.....	101.5	18	54	2,24
Adams.....	Payson.....	.....	.....	.....	.....	.....	.....	98	20	55	1
*Macon.....	Decatur.....	29.70	27	29.18	1	.....	0.52	94	20	54	1
Edgar.....	Paris.....	.....	.....	.....	.....	.....	.....	91	20	52	2
Douglas....	Camargo....	.....	.....	.....	.....	.....	.....	94	18,19	56	1
Sangamon..	Springfield...	30.29	26	29.76	1	29.960	0.53	96	18	50.7	2
Pike.....	Louisiana, Mo.	.....	.....	.....	.....	.....	.....	100	20	42	24
Coles.....	Mattoon....	.....	.....	.....	.....	.....	.....	99	19	54	23
Christian...	Pana.....	.....	.....	.....	.....	.....	.....	90	20	46	1
Shelby.....	Windsor....	30.30	26	29.77	1	30.035	0.53	99.7	18	51.0	2
*Clark.....	Martinsville.	29.64	27	29.04	1	29.376	0.60	98	18,19	57	23
Macoupin..	Viriden.....	.....	.....	.....	.....	.....	.....	98	18,20	48	24
Greene.....	White Hall...	.....	.....	.....	.....	.....	.....	90	17-20	58	2
Means.....	.....	.....	.....	.....	.....	29.988	0.57	.....	.....	.....	.....



1887, made to the Department of Agriculture, by Voluntary and Signal  
7 A. M., 2 P. M. and 9 P. M., Local Time (Generally). Signal Ser-  
P. M., 75th Meridian Time.

TEMPERATURE.							Mean relative humidity.	No OF DAYS—				Total precipita- tion, inches.	Prevailing direc- tion of the wind.
Mean.	Absolute range.	Greatest daily range.	Date.	Least daily range.	Date.	Mean daily range.		Clear.	Fair.	Cloudy.	On which .01 inch or more precip. fell.		
67.6	51	24	17	2	1	13.0	67	4	19	7	7	1.00	S.W.
69.0	48.7	32	18	4	8	.....	69	11	14	5	7	1.23	S.W.
70.0	53	41	25	6	8	23.5	.....	14	10	6	7	1.48	S.W.
71.9	49	.....	.....	.....	.....	.....	.....	12	12	6	5	1.94	S.W.
76.0	39	21	23	10	1, 22	.....	.....	10	8	12	.....	.....	S.W.
71.9	48	.....	.....	.....	.....	.....	.....	18	9	3	3	1.12	S.E. & N.W.
67.3	48.5	26.4	.....	9.8	.....	17.0	70	12	13	5	7	1.63	S.W.
72.0	55	39	24, 28	8	1	25.0	70	7	16	7	6	0.58	W. & S.E.
69.5	48	30	25	1.4	1	.....	.....	14	13	3	7	1.12	S.E.
75.0	44	.....	.....	.....	.....	.....	.....	14	8	8	7	1.89	S.
73.2	40	28	18	1	5	16.8	74	14	5	11	6	2.03	E.
72.6	50	36	3, 25	5	5	22.2	.....	.....	23	7	3	2.07	E. & S.E.
71.1	39	.....	.....	.....	.....	.....	.....	7	18	19	6	1.12	S.E.
.....	54	.....	.....	.....	.....	.....	.....	12	13	5	7	1.55	S.E.
.....	60	44	18	16	1	.....	.....	16	4	10	7	1.70	E.
74.2	48.5	.....	.....	.....	.....	.....	.....	12	13	5	4	1.39	S.W.
73.0	46.3	29	28	12.8	5	.....	64	10	13	7	10	1.66	E.
.....	49	37	18	9	5	.....	.....	.....	.....	.....	9	2.05	S.
73.1	40	.....	.....	.....	.....	.....	.....	9	12	9	4	1.75	S.
72.3	50	34	14, 26, 27	12	23	.....	.....	15	7	8	4	0.28	N.E. & S.W.
70.0	45	29	24	2	3	16.3	.....	16	10	4	5	3.47	S.W.
75.5	40	24	18	6	8	15.4	..	20	3	7	3	0.25	.....
65.9	43	26	3	8	17	.....	.....	15	9	6	7	2.61	.....
77.7	48	.....	.....	.....	.....	.....	.....	14	13	3	7	1.53	E.
75.5	45	30	18	4	8	15.4	...	13	11	6	7	3.00	S.
.....	44	.....	.....	.....	.....	.....	.....	17	10	3	3	1.25	S.E.
71.0	48	37.7	26	15.7	2	26.7	73	18	5	7	6	2.05	S.W.
72.0	.....	.....	.....	.....	.....	19.1	70	13	11	6	6	1.61	S.W.
70.9	36	18.8	9	3	5	12.9	.....	17	10	3	5	2.75	S.W.
76.0	53	37	24	15	9, 21	26.3	75	16	5	9	5	3.10	S.W.
.....	30	.....	.....	.....	.....	.....	.....	18	1	11	6	1.28	S.W.
72.8	45.1	28.4	19	13.5	30	20.7	69	13	14	3	6	1.55	S.E.
74.5	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1.24	S.E.
73.0	49	26	28	10	1	19.3	.....	16	12	2	4	1.50	E.
71.8	52	24	18	10	9	.....	.....	17	5	8	5	1.74	S.W.
76.6	47.5	.....	.....	.....	.....	.....	.....	15	13	2	.....	.....	S.E.
74.1	43	29	24	8	5, 25	17.8	.....	.....	.....	.....	8	2.82	S.W.
.....	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	0.00	.....
73.8	39	.....	.....	.....	.....	.....	.....	15	11	4	2	0.34	S.W.
.....	38	.....	.....	.....	.....	.....	.....	5	19	6	4	.....	S.W.
72.6	45.3	29.9	18	10.4	25	21.5	70	12	13	5	7	3.07	S.W.
71.8	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	1.97	.....
73.0	45	.....	.....	.....	.....	.....	.....	17	12	1	7	1.03	S.
70.0	44	.....	.....	.....	.....	.....	.....	20	3	7	5	1.66	S.W.
75.1	48.7	38	27	15.3	25	26.3	65	8	18	4	6	1.01	S.E.
76.3	41	.....	.....	.....	.....	.....	.....	15	9	16	5	1.39	E. & N.E.
.....	50	.....	.....	.....	.....	.....	.....	24	6	0	.....	.....	.....
76.1	32	20	23	4	25	.....	.....	21	5	4	7	1.07	S.E.
73.6	.....	.....	.....	.....	.....	20.7	70	16	10	4	5	1.62	S.W.

Summary of Meteorological Observations for the month of June,  
Service Observers. Hours of Observation: Voluntary—  
vice—7 A. M., 3 P. M. and 10

STATIONS.	AIR PRESSURE.						TEMPERATURE.			
	Highest.	Date.	Lowest.	Date.	Mean.	Absolute range.	Highest.	Date.	Lowest.	Date.
SOUTHERN DIVISION.										
Crawford....Palestine....	.....	.....	.....	.....	.....	.....	98	19	60	23
Effingham...Eberle.....	.....	.....	.....	.....	.....	.....	94	17,21	52	10
Fayette.....Vandalia....	30.36	26,27	29.81	1	30.063	0.55	98	20	48	24
Bond .....Greenville...	.....	.....	.....	.....	.....	.....	96	18,20	51	23,24
Madison.....Collinsville...	.....	.....	.....	.....	.....	.....	95.8	20	49	24
Lawrence...Sumner.....	.....	.....	.....	.....	.....	.....	98	19,20	56	1
Clay .....Flora.....	.....	.....	.....	.....	.....	.....	91	19,20	47	1
Marion.....Centralia...	.....	.....	.....	.....	.....	.....	102.5	18	56	1,2
Clinton.....Irishtown...	.....	.....	.....	.....	.....	.....	98	18,20	56	1
St. Clair.....Mascoutah..	.....	.....	.....	.....	.....	.....	99	20	46	1
St. Clair.....St. Louis, Mo	30.22	26	29.74	1	29.971	0.48	97	20	57.2	1
Edwards.....Albion.....	.....	.....	.....	.....	.....	.....	102	19,20	54	1
Wayne.....Fairfield....	.....	.....	.....	.....	.....	.....	98	19	56	2
Washington.Richview....	30.20	26	29.70	1	29.952	0.50	98.2	18	50	2
Hamilton....McLeansboro	.....	.....	.....	.....	.....	.....	102	2	50	2,24
Franklin....Benton.....	.....	.....	.....	.....	.....	.....	104	19	60	1
Randolph .Jordan's Grove	.....	.....	.....	.....	.....	.....	96	18,19	56	5
Pope.....Golconda...	.....	.....	.....	.....	.....	.....	96	18,19	56	1
Pulaski..North Caledonia	.....	.....	.....	.....	.....	.....	100	20	57	1
*Alexander...Cairo.....	29.83	26	29.39	1	29.631	0.44	95.7	19	54.3	2
Means.....	.....	.....	.....	.....	29.995	0.49	.....	.....	.....	.....
State Averages.....	.....	.....	.....	.....	29.978	0.56	.....	.....	.....	.....

\* Barometer corrected for temperature and instrumental error only.



1887, made to the Department of Agriculture, by Voluntary and Signal  
7 A. M., 2 P. M. and 9 P. M., Local Time (Generally). Signal Ser-  
P. M., 75th Meridian Time.—Continued.

TEMPERATURE.							Mean relative humidity.	No. of Days.				Total precipitation, inches.	Prevailing direction of the wind.
Mean.	Absolute range.	Greatest daily range.	Date.	Least daily range.	Date.	Mean daily range.		Clear.	Fair.	Cloudy.	On which .01 inch or more precip. fell.		
75.6	38	21	24	6.5	8	13.6	....	21	5	4	5	1.30	E. & N.W.
....	42	....	....	....	....	....	....	9	17	4	2	1.11	S.
74.2	50	34	24	12	21, 25	....	....	18	7	5	3	0.93	E.
73.8	45	30	17	5	25	22.8	...	18	7	5	8	2.97	S.
70.8	46.8	28	19	10	25	24.6	..	18	10	2	9	2.37	S.
72.7	42	....	....	....	....	....	....	25	3	2	3	0.80	S.E.
69.8	44	31	14	10	25	23.5	....	20	5	5	6	3.56	S.W.
....	46.5	26	13	7	25	....	....	....	....	....	4	2.34	S.E.
75.9	42	....	....	....	....	....	....	....	26	4	11	2.75	S.
....	53	32	6, 7	12	11, 21, 30	....	....	....	....	....	5	1.50	.....
77.3	39.8	22.9	21	9.9	25	16.6	59	13	12	5	8	2.54	S.
74.5	48	30	7	1	9	....	....	17	8	5	6	3.78	S.W.
77.3	42	25	7, 14	4	28	....	....	14	12	4	6	1.73	S. & S.E.
73.4	48.2	29.0	18	11.9	25	21.6	75	16	11	3	8	2.08	S.W.
73.5	52	33	3	4	25	24.1	..	10	17	3	9	3.45	S.E. & N.W.
....	44	....	....	....	....	....	....	18	10	2	7	1.40	S.W.
77.8	40	20	26	6	1	15.2	....	16	10	4	9	2.27	S.W.
76.0	40	20	4	5	30	....	....	11	9	10	8	2.66	E.
79.2	43	....	....	....	....	....	....	7	15	8	4	0.43	S.E.
75.0	41.4	23.7	....	3.4	....	16.2	74	9	13	8	9	2.34	S.
74.6	....	....	....	....	....	19.8	69	15	11	4	7	2.12	S.
73.4	....	....	....	....	....	19.9	70	15	11	4	6	1.77	S.W.





Champaign.....	Philo	03	1.30	13	04	04	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05
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Daily and Monthly Mean Temperatures, in Degrees, Fahrenheit, reported to the Illinois Department of Agriculture, by Voluntary and Signal Service Observers for the month of June, 1887. (These means are deduced from the three observations taken by Voluntary Observers, generally, at 7 A. M., 2 P. M. and 9 P. M., Local Time, and by Signal Service Observers, at 7 A. M., 3 P. M. and 10 P. M., 75th Meridian Time.)

STATIONS.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
NORTHERN DIVISION.																																
County. Place.																																
53	Lake.....	58	68	71	57	64	79	74	58	60	61	66	69	68	77	83	81	80	72	75	68	64	58	60	64	64	64	70	75	86	68	
58	McHenry.....	58	68	72	63	68	74	71	59	61	68	70	74	80	77	78	81	75	74	80	64	68	59	54	63	68	68	70	72	77	69	
60	McHenry.....	60	72	75	62	70	76	72	60	64	66	68	75	78	80	82	80	76	74	76	63	71	58	60	64	71	68	66	74	79	70	
62	Stephenson....	64	73	72	69	73	79	74	68	63	72	74	78	75	80	80	83	75	76	73	66	63	53	57	61	67	73	71	75	74	67	
55	Cook.....	55	64	72	55	57	71	74	53	56	64	67	71	76	79	81	83	77	67	76	69	62	59	64	69	70	66	68	74	80	67	
58	Kane.....	60	71	80	61	69	78	74	64	62	72	74	77	76	79	81	80	79	76	80	64	61	56	61	64	67	64	71	81	81	72	
58	DeKalb.....	59	70	74	67	70	70	74	63	63	67	71	78	79	81	80	80	77	85	74	78	71	64	61	70	75	76	68	80	79	70	
63	Carroll.....	70	76	77	71	76	81	79	75	70	75	80	76	79	84	84	84	87	85	81	76	67	64	60	64	62	75	75	79	77	76	
63	Lee.....	64	74	76	71	75	80	77	72	67	72	76	76	79	84	84	84	80	74	78	78	62	64	60	64	62	75	73	77	77	73	
56	Will.....	65	70	70	69	69	78	74	59	59	75	83	73	78	77	79	80	80	74	79	70	67	64	60	64	62	75	75	79	77	75	
59	LaSalle.....	61	72	77	70	70	74	74	66	66	70	73	73	73	75	76	79	81	76	76	79	68	63	57	60	63	67	68	77	78	78	
62	Rock Island...	68	73	75	71	76	80	75	74	69	72	78	78	72	78	78	80	79	79	83	75	67	63	60	66	69	73	75	76	74	74	
62	Kankakee.....	61	71	81	70	70	78	76	66	69	73	71	76	76	77	80	80	83	78	83	81	71	65	61	66	68	70	72	74	79	82	
55	Livingston....	60	69	72	74	71	78	73	71	67	68	70	70	77	77	81	81	84	85	85	82	73	64	62	63	65	67	71	74	77	83	
60	Woodford.....	65	72	76	76	76	82	80	74	66	68	76	76	79	82	82	87	85	80	80	76	76	68	60	60	66	70	70	76	81	85	
54	Stark.....	58	63	66	66	66	75	68	68	65	66	75	75	77	73	76	73	77	77	76	64	63	56	60	66	66	70	70	76	71	75	
63	Peoria.....	70	77	79	78	74	83	80	74	72	76	80	83	80	80	84	85	86	80	86	86	74	70	68	71	72	76	79	80	83	78	
59	Knox.....	68	74	74	74	77	80	77	74	70	74	78	79	79	80	82	83	84	81	81	82	68	70	64	71	72	76	78	78	76	76	
60	Iroquois.....	60	69	76	76	71	70	70	62	65	70	70	73	74	75	77	78	79	79	75	81	67	64	58	66	66	70	75	74	78	81	
59	Means.....	62	71	75	68	71	77	75	66	65	70	74	76	76	80	81	81	82	79	77	79	68	63	60	64	68	70	72	75	77	79	
CENTRAL DIVISION.																																
57	Ford.....	62	71	74	68	70	74	74	64	64	69	74	74	74	76	77	76	80	78	75	80	67	64	58	66	67	69	72	67	78	78	
61	Tazewell.....	69	76	76	74	74	76	82	78	71	70	75	78	79	79	82	83	87	81	83	80	73	67	65	70	73	77	78	76	79	76	
61	Hancock.....	67	71	71	73	69	75	75	75	70	73	73	77	77	76	77	80	84	79	82	79	68	65	62	64	63	71	74	71	73	73	
60	Vermilion....	61	68	74	74	70	72	...	74	65	67	71	74	74	77	77	78	82	80	80	81	...	...	...	...	...	76	72	...	...	...	74
63	Champaign....	65	74	78	76	76	75	75	76	78	69	73	72	78	81	82	81	81	85	83	80	77	71	58	69	69	75	76	80	81	82	
64	Logan.....	69	73	78	71	84	74	74	80	73	74	76	76	76	80	81	84	87	89	87	90	78	69	67	70	66	74	74	75	75	74	
60	Adams.....	66	73	76	72	71	77	76	77	78	73	75	78	79	77	78	81	82	84	82	82	70	67	63	64	65	69	73	75	75	74	
61	Edgar.....	60	70	76	72	75	75	75	74	72	70	74	72	74	76	77	78	81	79	80	82	69	65	60	66	64	71	74	78	79	74	
57	Sangamon.....	65	70	75	71	75	75	75	76	74	69	72	75	76	77	78	78	78	77	80	82	69	65	64	66	64	72	73	74	75	76	
62	Coles.....	66	71	76	72	72	76	74	75	72	71	72	75	70	75	77	77	79	79	83	82	70	65	61	70	67	72	75	76	79	73	



Christian.....	53	62	68	71	73	71	71	73	73	69	66	69	72	70	73	74	75	79	79	65	61	60	72	62	67	71	73	72	74	76
Shelby.....	60	58	68	76	80	80	80	78	70	74	69	73	78	71	77	79	78	82	82	66	64	62	69	72	72	78	77	77	79	75
Greene.....	64	70	74	76	77	77	77	78	82	76	75	80	74	78	76	78	79	85	85	74	72	77	64	74	78	80	78	81	76	76
Means.....	60	65	71	75	73	73	73	79	75	73	69	73	75	75	77	78	79	82	82	70	66	63	68	72	75	76	78	79	74	74
SOUTHERN DIVISION.																														
Crawford.....	64	68	72	76	75	77	77	80	77	78	75	74	76	74	77	80	80	86	87	78	68	65	70	72	70	76	78	81	82	76
Fayette.....	61	68	74	78	76	78	79	80	77	79	76	76	80	76	79	80	81	85	87	72	69	68	67	65	62	76	77	78	75	74
Bond.....	58	67	73	75	78	76	77	78	74	77	75	72	77	76	78	80	82	82	83	69	68	65	64	60	62	73	76	75	75	70
Clay.....	58	65	68	72	71	71	74	69	71	74	71	68	66	68	71	72	74	77	79	68	63	61	64	58	67	70	72	75	79	76
Clinton.....	60	68	74	76	80	77	78	80	77	78	76	75	80	77	80	79	80	83	88	72	69	66	66	67	74	78	78	79	76	76
St. Clair.....	63	70	74	76	74	79	81	79	77	79	74	75	81	81	81	83	84	86	89	73	72	69	69	64	74	77	80	77	75	77
Edwards.....	58	66	76	76	75	75	76	78	76	73	74	74	77	72	73	80	79	82	86	73	70	64	70	62	70	76	78	77	80	77
Washington.....	59	64	68	74	71	71	75	75	75	76	74	72	74	74	76	78	78	80	83	75	68	65	65	62	71	74	76	77	73	75
Richview.....	65	64	70	75	76	76	77	77	75	77	73	72	75	73	73	76	80	82	84	74	66	63	68	64	70	74	76	76	78	74
McLeansboro.....	58	66	72	74	75	75	76	79	75	79	75	75	77	76	76	78	79	82	84	71	69	68	69	64	72	77	74	77	73	78
Jordan's Grove.....	60	68	72	76	74	74	75	78	75	78	73	77	77	80	79	80	80	82	84	74	78	75	73	67	76	74	76	79	76	76
Pope.....	61	68	72	79	82	82	82	82	82	82	86	80	82	80	82	84	84	86	88	80	78	75	75	73	76	80	78	80	79	75
Golconda.....	61	68	72	76	74	74	75	78	79	78	73	77	82	80	82	84	84	86	87	75	74	69	70	73	75	75	76	76	75	75
N. Caledonia.....	62	66	69	75	73	72	79	79	79	78	78	76	78	76	76	77	79	79	84	75	74	69	70	70	73	75	73	76	76	75
Alexander.....	61	67	72	76	74	74	77	77	77	78	75	74	77	76	77	79	80	82	85	73	70	67	68	65	71	76	77	78	75	75
Means.....	60	65	71	75	72	74	76	77	76	72	70	72	75	76	77	79	80	82	82	70	66	63	67	66	71	74	77	79	73	73
State averages.....																														

# COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR ILLINOIS DURING JUNE.

STATIONS.		MEAN TEMPERATURE. Deg. Fahrenheit.				PRECIPITATION, Inches and hundredths.			
		Normal.	No. of years.	June, 1887.	Departure + or -.	Normal.	No. of years.	June, 1887.	Departure + or -.
NORTHERN DIVISION.									
<i>County.</i>	<i>Place.</i>								
Lake.....	Lake Forest.....	65.8	2	67.6	+1.8	1.64	3	1.00	-0.64
McHenry.....	Riley.....	66.6	27	69.0	+2.4	3.98	27	1.23	-2.75
Stephenson.....	Cedarville.....	69.6	2	71.9	+2.3	1.74	2	1.12	-0.62
Cook.....	Chicago.....	65.7	17	67.3	+1.6	3.99	17	1.65	-2.36
Kane.....	Aurora.....	69.8	8	72.0	+2.2	3.20	8	0.58	-2.62
DeKalb.....	Sycamore.....	67.1	7	69.5	+2.4	5.74	7	1.12	-4.62
LaSalle.....	Ottawa.....					3.83	6	1.12	-2.71
Rock Island.....	Davenport, Iowa.....	70.5	16	73.0	+2.5	4.16	17	1.66	-2.50
Mercer.....	Aledo.....					4.86	14	2.05	-2.81
Woodford.....	Minonk.....	74.4	2	75.5	+1.1	1.85	2	0.25	-1.60
Peoria.....	Peoria.....	73.5	32	77.7	+4.2	3.94	32	1.53	-2.41
Knox.....	Oneida.....	72.4	3	75.5	+3.1	3.27	3	3.00	-0.27
Iroquois.....	Watseka.....	69.6	3	71.0	+1.4	2.85	3	2.05	-0.80
CENTRAL DIVISION.									
Ford.....	Melvin.....	69.6	2	70.9	+1.3	3.38	2	2.75	-0.63
Tazewell.....	Pekin.....	74.8	2	76.0	+1.2	4.15	6	3.10	-1.05
Hancock.....	Keokuk, Iowa.....	72.2	16	72.8	+0.6	5.19	16	1.55	-3.64
Champaign.....	Philo.....	68.7	3	73.0	+4.3	3.98	3	1.50	-2.48
Adams.....	Payson.....	73.8	2	74.1	+0.3	3.46	2	2.82	-0.64
Macon.....	Decatur.....					3.20	2	0.00	-3.20
Sangamon.....	Springfield.....	71.5	8	72.6	+1.1	5.73	8	3.07	-2.66
Pike.....	Louisiana, Mo.....	71.9	2	71.8	-0.1	3.38	2	1.97	-1.41
Coles.....	Mattoon.....	72.6	8	73.0	+0.4	4.58	8	1.03	-3.55
Christian.....	Pana.....	69.1	2	70.0	+0.9	4.61	5	1.66	-2.95
Shelby.....	Windsor.....	73.9	2	75.1	+1.2	3.80	2	1.01	-2.79
Clark.....	Martinsville.....	73.3	3	75.9	+2.6	5.38	3	2.75	-2.63
Greene.....	White Hall.....	74.7	3	76.1	+1.4	4.79	3	1.07	-3.72
SOUTHERN DIVISION.									
Crawford.....	Palestine.....	73.0	5	75.6	+2.6	4.07	5	1.30	-2.77
Bond.....	Greenville.....	74.0	10	73.8	-0.2	6.38	6	2.97	-3.41
Madison.....	Collinsville.....	72.4	8	70.8	-1.6	5.31	5	2.37	-2.94
Lawrence.....	Sumner.....	71.8	2	72.7	+0.9	3.45	2	0.80	-2.65
Clay.....	Flora.....	70.3	2	69.8	-0.5	5.56	2	3.56	-2.00
St. Clair.....	St. Louis, Mo.....	74.6	17	77.3	+2.7	4.97	17	2.54	-2.43
Washington.....	Richview.....	72.6	2	73.4	+0.8	3.38	2	2.08	-1.30
Hamilton.....	McLeansboro.....	74.1	6	73.5	-0.6	5.07	6	3.45	-1.62
Pope.....	Golconda.....	74.5	9	76.0	+1.5	5.19	9	2.66	-2.53
Alexander.....	Cairo.....	75.1	16	75.0	-0.1	4.41	16	2.34	-2.07



## COMPARATIVE METEOROLOGICAL DATA FOR ILLINOIS DURING JUNE.

Nature of Data.	1882.	1883.	1884.	1885.	1886.	1887.
Highest pressure, inches.....	30.20	30.29	30.42	30.29	30.95	30.40
Lowest ".....	29.00	29.10	29.21	29.25	29.98	29.38
Mean ".....	29.67	29.75	29.95	29.95	29.86	29.98
Range of ".....	1.20	1.19	1.21	1.04	1.78	1.02
Highest temperature, degrees.....	98	95	98	96	102	104
Lowest ".....	39	40	45	36	40	42
Mean ".....	71.1	69.4	71.1	71.0	71.3	73.4
Range of ".....	59	55	53	60	62	62
Greatest daily range of temp.deg.	25	.....	39	46	46	44
Least ".....	10	.....	1	1	0	1
Mean ".....	16.0	.....	15.3	16.6	17.2	19.9
Mean relative humidity, per cent.	76	.....	78	66	72	70
Average number of clear days.....	10	75	9	9	15	15
Average number of fair days.....	15	.....	12	13	10	11
Average number of cloudy days.....	5	.....	9	8	5	4
Average number of days on which .01 inch or more precip. fell...	14	12	11	9	17	6
Greatest monthly precipitation, in.	16.50	9.13	9.35	10.50	8.45	3.78
Least monthly precipitation, in.	3.75	3.15	2.11	1.45	0.49	0.00
Average monthly precipitation, in.	7.87	5.73	5.04	5.64	3.82	1.77
Prevailing direction of wind.....	S.E.	S.W.	S.E.	S.E.	N.E.	S.W.

# WEATHER AND TEMPERATURE SIGNALS.

THE FOLLOWING CIRCULAR HAS BEEN ISSUED BY THE CHIEF SIGNAL OFFICER OF THE ARMY  
AT WASHINGTON CITY.

*With a view of securing a uniform system of signals it is recommended that flags now in use be replaced by those herein described as the former become worn out or unserviceable.*

The Chief Signal Officer furnishes, when practicable, for the benefit of the general public and those industries dependent to a great extent upon weather conditions, the "Indications," which are prepared at this office daily, at 1 a. m., for the twenty-four hours commencing at 7 a. m. These weather forecasts are telegraphed to many Signal Service stations, railway officials, and others, and are so worded as to be readily communicated to the public by means of flags or symbols. The flags adopted for this purpose are four in number and of the form and dimensions indicated below:

### INTERPRETATION OF SIGNALS.

No. 1.  
White Flag.



Clear or fair weather.

No. 2.  
Blue Flag.



Rain or snow.

No. 3.  
Black Triangular Flag.




Temperature signal.

No. 4.  
White Flag with black square in centre.




Cold wave.


### DISPLAYED FROM POLES.




Fair weather.  
Colder.



Warmer.  
Rain or snow.

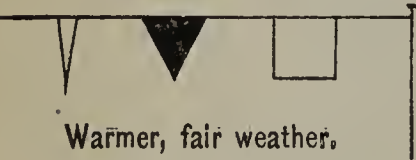


Warmer, fair weather,  
followed by rain or snow.

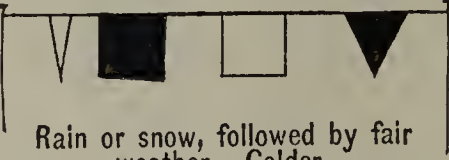


Fair weather.  
Cold wave.

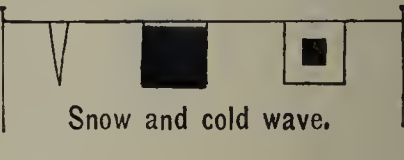
### DISPLAYED FROM HORIZONTAL LINES.



Warmer, fair weather.




Rain or snow, followed by fair weather. Colder.




Snow and cold wave.

### DISPLAYED ON CARS.


When the two weather symbols cannot be displayed, show the one indicating the weather last named in "Indications".



Warmer, fair weather.



Fair weather, followed by rain.  
Colder.



Fair weather. Cold wave.



Number 1, white flag, six feet square, always indicates clear or fair weather, no rain. Number 2, blue flag, six feet square, indicates rain or snow. Number 3, black, triangular flag, six feet at the base and six feet in length, always refers to temperature. When placed above number 1 or 2 it indicates warmer weather; when placed below number 1 or 2 it indicates colder weather; when not displayed, the indications are that the temperature will remain stationary or that the change in temperature will not vary five degrees from the temperature of the same hour of the preceding day. Number 4, cold-wave flag, six feet square, indicates the approach of a sudden and decided fall in temperature. This signal is usually ordered at least twenty-four hours in advance of the cold wave. It is not displayed unless a temperature of forty-five degrees, or less, is expected, nor is flag number 3 displayed with it.

When displayed on flag-poles the signals should be arranged to read downward; when displayed from horizontal supports a small streamer should be attached to indicate the point from which the signal is to be read; when in the form of symbols, to be displayed on cars, the symbols should be placed one above the other and read downward.

The signals may be withdrawn at 3 p. m.

As the weather indications are telegraphed daily to a large number of stations of the Signal Service, to railroads, etc., in various sections of the country, there are many small towns where they may be obtained by telephone, free of expense. Those desiring to display weather signals and not able to obtain the indications as above, should communicate direct with the Chief Signal Officer, and if it is not practicable to telegraph the indications at the expense of the United States to such places, they will always be furnished at Government rates, at twenty cents per message, sent collect.

Weather signals are now displayed at many stations throughout the United States, and this improved system which is based on that devised by Prof. P. H. Mell, Jr., of Alabama, has been adopted with a view of securing uniformity, and is recommended, after a careful test of the several systems now in use. The system is not complicated, the solid colors will secure legibility, and the flags may be supplied at small expense.

There being no funds at the disposition of the Chief Signal Officer for the purchase of flags, if they are desired and cannot be procured in the vicinity, they may be purchased from any of the following firms, at prices ranging from \$6 to \$12 per set:

M. G. Copeland & Co., No. 634 Louisiana Avenue, Washington, D. C. (standard bunting).

Crane & Co., McWhorter and Olive Streets, Newark, N. J.

C. S. Decker & Co., No. 168 State Street, Boston, Mass.

Horstman Bros. & Co., Fifth and Cherry Streets, Philadelphia, Pa. ("Eagle" bunting).

John F. McHugh, No. 1286 Broadway, New York City.

S. Hemmingway, No. 66 South Street, New York City.

P. H. Mell, Jr., Auburn, Alabama.

Correspondence in relation to these flags should be had direct with the above firms and not through this office. The flags may be made of cotton cloth at an expense not to exceed \$2 per set. The displays here outlined may be greatly extended and become one of the most valuable aids to farmers, shippers, and the public generally, by a little exertion and a small expense for flags on the part of those who would be benefited by the signals. Weather signals have been adopted and are in use by some of the principal railroads throughout the country, the symbols, made of tin or sheet iron, being displayed from the baggage cars. These roads transmit over their wires each morning to points from which trains start the names of the symbols to be displayed, the baggage master at those points attending to the signals. Many large firms and corporations are displaying these signals and at the same time advertising their business by printing the signals and their meanings on the back of their business cards.

Communications in reference to the display of signals and symbols in this State should be addressed to

CHARLES F. MILLS, *Director*,  
SPRINGFIELD, ILLINOIS.

# NAMES OF OBSERVERS REPORTING TO THE ILLINOIS STATE WEATHER SERVICE.

COUNTY.	OBSERVER.	POST OFFICE.	Eleva- tion, feet.	Latitude.	Longitude
Adams .....	Daniel E. Robbins .....	Payson .....	.....	39° 50'	91° 15'
Alexander ..	Corp'l C. L. Bozzell .....	Cairo .....	359	37°	89° 10'
Bond .....	M. S. Oudyn .....	Greenville .....	.....	38° 55'	89° 25'
Boone .....	E. L. Lawience .....	Belvidere .....	.....	42° 14'	88° 50'
†Brown .....	C. F. Rickey, Ph. G. ....	Mt. Sterling .....	.....	40° 0'	90° 47'
Bureau .....	Dr. Ezra Stetson .....	Neponset .....	.....	41° 20'	89° 50'
Calhoun .....	.....	.....	.....	.....	.....
Carroll .....	George L. Beeler .....	Lanark .....	.....	42° 7'	89° 51'
†Cass .....	W. W. Gailey, M. D. ....	Ashland .....	.....	39° 55'	90° 1'
Champaign ..	Hubert A. Burr .....	Philo .....	771	39° 59'	88° 8'
Christian .....	J. K. Eberle .....	Pana .....	760	39° 25'	89° 7'
Clark .....	J. B. Sheapley .....	Martinsville .....	616	39° 21'	87° 54'
Clay .....	L. A. Michels .....	Flora .....	.....	38° 45'	88° 30'
Clinton .....	Wm. Rogan .....	Carlyle .....	.....	38° 40'	89° 30'
Coles .....	Wm. Dozier .....	Mattoon .....	724	39° 29'	88° 23'
Cook .....	Serg't. Allen Buell .....	Chicago .....	661	41° 50'	87° 40'
Crawford ....	John E. Templeton .....	Palestine .....	.....	39° 2'	87° 37'
†Cumberland ..	Hon. S. F. Wilson .....	Neoga .....	.....	.....	.....
DeKalb .....	Roswell Dow .....	Sycamore .....	800	42°	88° 42'
DeWitt .....	.....	.....	.....	.....	.....
Douglas .....	Miss Mary Iles .....	Camargo .....	.....	39° 49'	88° 20'
†DuPage .....	Royal T. Morgan .....	Wheaton .....	.....	41° 53'	88° 5'
Edgar .....	Wilbur T. Cook .....	Paris .....	.....	39° 38'	87° 42'
Edwards .....	B. F. Michels .....	Albion .....	.....	38° 24'	88° 6'
Effingham ..	George Strong .....	Eberle .....	.....	38° 58'	88° 30'
Fayette .....	Jos. Urbani .....	Vandalia .....	.....	39°	89° 7'
Ford .....	Fr. Dienelt .....	Melvin .....	.....	40° 35'	88° 25'
Franklin .....	John McPherson .....	Benton .....	.....	38° 2'	88° 56'
Fulton .....	Miss Mary C. Bennett .....	Fairview .....	500	40° 38'	90° 10'
Gallatin .....	.....	.....	.....	.....	.....
Greene .....	P. J. Bates .....	White Hall .....	480	39° 27'	90° 25'
*Grundy .....	Geo. W. Bartlett .....	Morris .....	.....	41° 22'	88° 27'
Hamilton .....	Wm. P. Gibbs .....	McLeansboro .....	.....	38° 7'	88° 35'
Hancock .....	Serg't. F. Z. Gosewisch .....	Keokuk, Iowa .....	618	40° 25'	91° 25'
†Hardin .....	J. S. Abbott .....	Elizabethtown .....	.....	37° 30'	88° 20'
Henderson ..	R. Hodson .....	Oquawka .....	.....	40° 57'	90° 58'
Henry .....	N. W. Thornton .....	Geneseo .....	.....	41° 30'	90° 15'
Iroquois .....	Henry Upsall .....	Watseka .....	640	40° 48'	87° 45'
*Jackson .....	Frank Hopkins .....	Makanda .....	765	37° 40'	89° 15'
†Jasper .....	John B. Harris .....	Newton .....	.....	39° 3'	88° 11'
Jefferson .....	.....	.....	.....	.....	.....
*Jersey .....	A. M. Cheney .....	Jerseyville .....	.....	39° 10'	90° 21'
JoDaviess .....	Prof. Jacob Boss .....	Galena .....	.....	42° 25'	90° 32'
*Johnson .....	Martin T. Vancleve .....	Vienna .....	.....	37° 26'	88° 55'
Kane .....	M. M. Robbins .....	Aurora .....	676	41° 47'	88° 8'
Kankakee .....	Dr. H. M. Bannister .....	Kankakee .....	.....	41° 57'	87° 55'
Kendall .....	.....	.....	.....	.....	.....
Knox .....	T. A. Wetmore .....	Oneida .....	.....	41° 2'	90° 15'
*Lake .....	J. M. G. Carter .....	Waukegan .....	650	42° 21'	87° 50'
Lake .....	L. R. F. Griffin .....	Lake Forest .....	593	42° 16'	87° 50'
LaSalle .....	Dr. J. O. Harris .....	Ottawa .....	500	41° 20'	88° 52'
Lawrence .....	J. A. Fyffe .....	Sumner .....	.....	38° 45'	88° 52'
Lee .....	Matthias Schick .....	Prairieville .....	725	41° 50'	89° 38'

\* Failed to forward their reports in time to be included in the compilation of June Review.

† Late appointment.

‡ Report incomplete.

An observer is greatly desired in each of the counties left blank.



# NAMES OF OBSERVERS REPORTING TO THE ILLINOIS STATE WEATHER SERVICE—CONTINUED.

COUNTY.	OBSERVER.	POST OFFICE.	Eleva- tion, feet.	Latitude.	Longitude
Livingston...	Isaac Young.....	Pontiac.....	600	40° 54'	88° 40'
Logan.....	L. H. Sullivan.....	Beason.....		40° 10'	89° 14'
Macon.....	Rev. N. M. Baker.....	Decatur.....		39° 52'	89° 57'
Maeoupin....	A. C. Gish.....	Virden.....		39° 32'	89° 45'
Madison ...	J. L. R. Wadsworth, M. D...	Collinsville.....	600	38° 40'	90°
Marion.....	J. L. Hallam.....	Centralia.....	492	38° 33'	89° 10'
Marshall.....	Rev. A. C. Preece.....	Lacon.....		41° 1'	89° 26'
*Mason.....	W. H. Williamson ...	Havana.....		40° 18'	90° 4'
*Mason.....	J. F. Culp.....	Mason City.....		40° 15'	89° 42'
*Massac.....	J. D. Young, M. D.....	Pellonia.....		37° 9'	88° 40'
*McDonough..	Lou W. Rost.....	Maeomb.....			
MeHenry.....	John W. James.....	Marengo.....	956	42° 12'	88° 36'
MeHenry.....	Geo. D. Silliman.....	Woodstock.....		42° 16'	88° 26'
*MeLean.....	W. O. Davis.....	Bloomington.....		40° 29'	89° 2'
Menard.....					
Mereer.....	Tyler McWhorter.....	Aledo.....		41° 12'	90° 45'
†Monroe.....	S. F. Douglass.....	Renault.....		38° 11'	90° 8'
*Montgomery	J. W. Potts.....	Raymond.....		39° 20'	89° 38'
*Morgan.....	Philip J. Hasenstab.....	Jacksonville.....	664	39° 45'	90° 15'
Moultrie.....					
*Ogle.....	Wm. Feary.....	Mt. Morris.....		42° 3'	89° 27'
*Peoria.....	Fred. Brendel.....	Peoria.....	490	40° 43'	89° 43'
Perry.....	W. B. Anderson.....	Three Mile.....	?	?	?
Piatt.....	J. W. C. Gray.....	Atwood.....	700	39° 49'	88° 30'
Pike.....	M. J. Hassler.....	Louisiana, Mo.....		39° 10'	91° 18'
Pope.....	J. E. Y. Hanna.....	Goleonda.....		37° 25'	88° 25'
Pulaski.....	H. S. Blanchard.....	Olmsted.....		37° 12'	88° 56'
Putnam.....	A. T. Purvianee.....	Hennepin.....		41° 12'	89° 21'
Randolph....	W. J. S. Catheart.....	Jordan's Grove...		38° 14'	89° 48'
*Richland....	Chas. H. Fahs.....	Olney.....		38° 45'	88° 7'
Roek Island..	Serg't. R. R. Martin.....	Davenport, Iowa..	615	41° 30'	90° 35'
*Saline.....	Gregg & Grace.....	Harrisburg.....		37° 46'	88° 35'
Sangamon....	Serg't. John Craig.....	Springfield....	644	39° 47'	89° 40'
Schuyler.....					
*Scott.....	Elihn Armitage.....	Exeter.....		?	?
Shelby.....	A. H. Hatch.....	Windsor.....		39° 30'	88° 35'
Stark.....	Edwin Butler.....	Toulon.....		41° 5'	89° 52'
St. Clair....	Serg't. G. A. Weber.....	St. Louis, Mo.....	571	38° 45'	90° 12'
St. Clair.....	Dr. G. Leibroek.....	Maseoutah.....		38° 30'	89° 50'
Stephenson..	John Wright.....	Cedarville.....		42° 24'	89° 36'
Tazewell.....	Rev. J. E. Terborg.....	Pekin.....	465	40° 35'	90° 35'
Union.....					
Vermilion...	W. R. Jewell.....	Danville.....		40° 10'	87° 36'
Vermilion...	Miss C. Jean Trego.....	Hoopeston.....		40° 30'	87° 40'
Wabash.....	James Pool.....	Mt. Carmel.....		38° 27'	87° 50'
*Warren.....	Prof. J. C. Hutchison.....	Monmouth.....	784	40° 54'	90° 39'
†Washington.	A. G. Tucker.....	Richview.....	580	38° 20'	89° 10'
Wayne.....	Jacob Hall.....	Fairfield.....	530	38° 20'	88° 20'
White.....				38° 7'	88° 12'
Whiteside...	Miss Maude Alexander.....	Sterling.....	550	41° 45'	89° 56'
Will.....	Miss Anna B. Nash.....	Joliet.....		41° 32'	88° 4'
Williamson...	Dr. J. J. Fly.....	Pulley's Mill.....	460	37° 38'	88° 59'
*Winnebago..	J. W. Budlong.....	Rockford.....		42° 15'	89° 4'
Woodford....	Cassius C. Rogers.....	Minonk.....	660	40° 55'	89° 3'

\* Failed to forward their reports in time to be included in the compilation of June Review.

† Late appointment.

‡ Report incomplete.

An observer is greatly desired in each of the counties left blank.

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ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-30, 1887.  
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
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AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 8-18, 1887.  
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 8-18, 1887.

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## STATISTICAL REPORT

— OF THE —

# Illinois State Board of Agriculture.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE  
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC., ON

AUGUST 1, 1887,

TOGETHER WITH THE

MONTHLY WEATHER REVIEW,

OF THE

ILLINOIS STATE WEATHER SERVICE.

FOR JULY, 1887.

---

CHARLES F. MILLS, SECRETARY,  
ILLINOIS DEPARTMENT OF AGRICULTURE.  
SPRINGFIELD.

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CIRCULAR 137.

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# Illinois State Board of Agriculture.

## ORGANIZATION FOR 1887-1888.

President.....	SAMUEL DYSART.....	Franklin Grove
Ex-President.....	JOHN LANDRIGAN.....	Albion
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Secretary.....	CHARLES F. MILLS.....	Springfield
Chief Clerk.....	W. C. GARRARD .....	Springfield

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# ILLINOIS CROP REPORT,

—FOR—

AUGUST, 1887.

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Synopsis of the Reports of Correspondents upon the Condition of the Growing  
Crops, Etc.

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ILLINOIS DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, August 1, 1887. }

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of August.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past ten years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

The State covers such an extended area from north to south (385 miles), and the conditions are so likely to be influenced by climate, soil, local storms, etc., that it has been found advisable to divide the same into three divisions in reporting the condition and yield of the crops.

## SEASON.

The Monthly Weather Review of the Department contains detailed information concerning the temperature, precipitation, etc., for the past month, and may be found elsewhere in this report.

## WHEAT.

## SPRING AND WINTER.

The quality of wheat this season is above the average, and the yield of sixteen bushels an acre has been exceeded but four times in the last twenty-eight years.

The area of the recently harvested crop of wheat is larger than those of 1885 and 1886.

The area of wheat harvested this season is as follows: Winter wheat, 2,274,435 acres; spring wheat, 116,862 acres—making a total of 2,391,297 acres.

The 1887 wheat crop of the State of 38,676,486 bushels is the largest wheat crop harvested since 1882 and has been excelled but three times since 1860, viz: 1879, 1880 and 1882.

The price received per bushel, 65c, is the lowest price ever received for wheat in this State.

The following table gives the area, yield and value of the wheat crop of the State during the past twenty-eight years.

WHEAT—(Spring and Winter.)

Year.	Number of aeres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	2,109,471	11.3	23,837,023	\$0 85	\$20,261,469	\$9 60	\$10 55	\$22,254,919	.....	\$1,993,450
1861.....	2,109,471	11.4	23,837,023	71	16,924,284	8 02	10 55	22,254 919	.....	5,330,635
1862.....	2,300,994	14	32,218,500	76	24,482,262	10 64	10 55	24,275,170	\$207,092	.....
1863.....	2,617,347	12	31,408,163	1 05	32,978,571	12 59	10 55	27,613,211	5,365,560	.....
1864.....	2,328,763	14.3	33,871,173	1 55	51,725,318	22 21	10 55	27,568,450	27,156,868	.....
1865.....	2,296,977	11	25,266,745	1 09	27,541,732	12 00	10 55	24,233,107	3,308,625	.....
1866.....	2,196,263	18	28,551,421	1 93	55,104,243	25 09	10 55	23,170,575	31 933,668	.....
1867.....	2,456,140	11.4	28,060,000	1 97	55,560,000	22 45	10 55	25,912,177	29,247,723	.....
1868.....	2,483,478	11.5	28,560,000	1 20	34,272,000	13 80	10 55	26,200,692	8,071,308	.....
1869.....	2,607,142	11.2	28,300,000	76	22,192,000	8 51	10 55	27,505,348	.....	5,313,348
1870.....	2,259 538	12	27,115,000	94	25 488,100	11 28	10 55	23,838,600	1,649,500	.....
1871.....	2,050 081	12 3	25,2 6,00	1 18	29,754,880	14 51	10 55	21,628,354	8,126,526	.....
1872.....	2,042,231	12.1	24,711,000	1 23	30,394,530	14 88	10 55	21,545,537	8,848,993	.....
1873.....	2,104,963	13.5	28,417,000	1 10	31,258,700	14 84	10 55	22,207,360	9,051,340	.....
1874.....	2,619,304	11.5	30,122 000	86	25,904,920	9 88	10 55	27,633,657	.....	1,728,737
1875.....	2,600,000	10.5	27,300,000	91	24,843,000	6 55	10 55	27,430,000	.....	2,587,000
1876.....	2,520,430	9.3	23,440,000	93	21,799,200	8 64	10 55	26,590,536	.....	4,791,336
1877.....	1,977,745	16.4	32,490,556	1 15	38,002,082	19 22	10 55	20,865,210	17,136,872	.....
1878.....	2,324,755	14.6	33,883,398	80	27,059,460	11 64	10 55	24,526,165	2,533,295	.....
1879.....	2,440,838	18 $\frac{3}{4}$	45,417 661	87	39,930,639	16 36	10 55	21,750,535	14,180,104	.....
1880.....	3 256 350	17 $\frac{1}{2}$	56,508,309	82	46,497,160	14 27	10 55	24,854,550	11,642,610	.....
1881.....	3,642,589	7 $\frac{1}{2}$	22,374,163	1 07	24,133,780	7 90	10 55	32,499,238	.....	8,365,458
1882.....	2,846 117	18 $\frac{1}{2}$	52,323,261	89	46 714,376	16 41	10 70	30,477,274	16,237,102	.....
1883.....	2,047,956	10	20,347,592	95	19,337,063	9 50	11 10	22,695,812	.....	3,358,749
1884.....	2,717,592	15	33,611,245	76	25,410,014	9 35	10 75	29,272,419	.....	3,862,400
1885.....	1,068 364	7	8,299,243	86	7,162,292	6 70	10 65	11,358,311	.....	4,196,019
1886.....	1,991,336	14	28 284,086	74	18,865,383	9 47	10 75	21,423,465	.....	2,558,082
1887.....	2,391 297	16	38,676,486	65	25,032,982	10 47	10 90	26,070,347	.....	1,030,365

\*1860-1881 estimated same as reported for 1880.

## WINTER WHEAT.

There was over a million bushels of winter wheat produced in the counties named below: Adams, 1,750,892 bushels; Christian, 1,144,404; Fulton, 1,095,792; Greene, 1,286,376; Macoupin, 1,621,920; Madison, 1,575,056; Pike, 2,006,092; Sangamon, 1,120,080; St. Clair, 1,809,960.

From five hundred thousand to a million bushels of winter wheat was raised in the following counties: Brown, 741,702 bushels; Cass, 501,249; Clinton, 948,810; Edgar, 792,414; Hancock, 856,936; Jersey, 970,640; Logan, 723,074; Mason, 619,102; Menard, 601,680; Monroe,



744,552; Montgomery, 948,566; Morgan, 904,860; Randolph, 746,604; Schuyler, 943,628; Shelby, 738,162; Tazewell, 630,540; Vermilion, 562,212; Washington, 905,562.

The area, yield and value of the winter wheat crop of the State is given by counties in a table published elsewhere in this report.

## SPRING WHEAT.

This crop is grown only to a limited extent in Illinois, the acreage but slightly exceeding one hundred thousand acres.

In the following counties in the State, the yield of spring wheat was fifty thousand bushels, or more: Bureau, 170,835 bushels; Carroll, 85,288; DeKalb, 81,600; Henry, 136,710; Lake, 55,230; LaSalle, 97,840; Lee, 88,281; McHenry, 98,676; Ogle, 51,120; Stephenson, 70,807; Whiteside, 111,639.

## OATS.

The area seeded to oats this season is the largest ever devoted to the crop in this State. The long-continued drouth was unfavorable for maturing the crop, and the average yield of thirty bushels per acre is much less than the average for a term of years. The aggregate yield of 110,006,640 bushels has been exceeded but twice since 1860, viz: in 1885 and 1886.

But four times in the last twenty-eight years, in 1861, 1872, 1878 and 1879, has the price obtained for oats been less than that of the present season, which is 23 cents per bushel.

The value of the oat crop just harvested, \$25,625,744, is less than that of any crop harvested since 1881.

The following table gives the area, yield and value of the oat crop of the State during the past twenty-eight years:

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel—cents.	Total value.	Value per acre.	†Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	543,572	28	15,220,029	\$ 26	\$3,957,207	\$ 7 28	\$ 9 40	\$ 5,109,577	.....	\$1,152,370
1861.....	543,572	28	15,220,029	19	2,891,805	5 32	9 40	5,109,577	.....	2,217,772
1862.....	894,610	20	17,892,200	24	4,294,128	4 80	9 40	8,409,334	.....	4,115,206
1863.....	820,959	24	19,681,420	56	11,021,595	13 44	9 40	7,708,555	\$3,313,040	.....
1864.....	779,003	31	24,273,571	61	14,806,988	19 00	9 40	7,322,628	7,484,360	.....
1865.....	802,520	35	28,088,197	24	6,741,167	8 40	9 40	7,543,688	.....	802,521
1866.....	883,952	34	39,054,370	33	9,917,942	11 21	9 40	8,309,149	1,608,793	.....
1867.....	1,068,372	30	32,158,000	49	15,757,420	14 74	9 40	10,042,697	5,714,723	.....
1868.....	1,018,150	32	32,479,000	39	12,666,810	12 44	9 40	9,570,610	3 096,200	.....
1869.....	1,099,261	22	35,726,000	37	13,218,620	12 02	9 40	10,333,053	2,885,567	.....
1870.....	1,480,846	26	38,509,000	32	12,320,640	8 32	9 40	13,919,952	.....	1,599,312
1871.....	1,163,202	33	38,502,000	28	10,770,560	8 26	9 40	10,934,099	.....	153,539
1872.....	1,178,196	36	43,122,000	19	8,294,180	6 95	9 40	11,075,042	.....	2,881,862
1873.....	1,178,666	30	35,360,000	28	9,900,800	8 31	9 40	11,079,460	.....	1,178,660
1874.....	1,818,514	17	31,824,000	45	14,320,800	7 87	9 40	17,094,032	.....	2,773,232
1875.....	2,272,727	33	75,000,000	28	22,000,000	9 24	9 40	21,363,634	.....	363,634
1876.....	2,400,000	20	48,000,000	26	12,480,000	5 20	9 40	22,560,000	.....	10,080,000
1877.....	1,556,194	39	61,145,983	26	16,269,647	10 45	9 40	14,628,224	.....	1,641,423
1878.....	1,757,953	30	53,423,555	20	10,684,911	6 07	9 40	16,524,728	.....	5,839,817
1879.....	1,631,139	33	54,664,569	22	12,059,162	7 39	9 40	15,332,706	.....	3,273,544
1880.....	1,749,391	35	62,709,002	24	12,858,247	8 40	9 40	17,375,108	.....	4,516,861
1881.....	1,922,389	35	68,744,514	30	21,022,267	10 50	9 40	19,030,119	1,932,048	.....
1882.....	2,461,655	40	99,275,380	41	41,062,611	16 40	9 85	24,316,329	16,746,282	.....
1883.....	2,740,959	38	104,299,230	26	27,403,706	9 88	9 85	27,061,660	342,046	.....
1884.....	2,867,560	36	102,411,665	25	26,047,256	9 08	9 85	28,254,143	.....	2,206,887
1885.....	3,159,585	36	114,344,387	24	28,098,984	8 89	9 75	30,863,626	.....	2,764,640
1886.....	3,337,455	34	113,247,644	26	29,042,381	8 70	9 80	32,644,177	.....	3,601,796
1887.....	3,643,861	30	110,006,640	23	25,625,744	7 03	9 75	35,473,984	.....	9,848,240

†1860-1881 estimated same as reported for 1880.

Upwards of one million bushels of oats were produced in the following counties in the State: Adams, 1,543,458 bushels; Bureau, 1,612,875; Carroll, 1,280,405; Champaign, 4,012,640; Christian, 1,356,225; Clinton, 1,222,830; Cook, 1,449,600; DeKalb, 1,404,459; DeWitt, 1,687,724; Effingham, 1,035,558; Fayette, 1,172,880; Ford, 1,094,440; Fulton, 1,832,628; Grundy, 1,102,059; Hancock, 2,061,501; Henry, 1,601,040; Iroquois, 2,919,591; Jefferson, 1,145,536; Kankakee, 1,340,976; Knox, 1,977,450; LaSalle, 2,945,511; Lee, 1,674,030; Livingston, 4,973,429; Logan, 2,139,423; Macon, 1,911,894; Macoupin, 1,173,646; Marshall, 1,821,834; McLean, 5,317,249; Mercer, 1,216,564; Montgomery, 1,377,536; Ogle, 1,508,871; Peoria, 1,515,888; Piatt, 1,209,480; Randolph, 1,010,340; Sangamon, 1,613,746; Shelby, 1,047,168; Stark, 1,048,380; Stephenson, 1,654,722; Tazewell, 1,526,618; Vermilion, 2,268,420; Warren, 1,813,280; Washington, 1,150,720; Will, 2,348,082; Woodford, 2,589,984.

In a table published elsewhere in this report the area, yield and value of the oat crop of 1887, is given by counties.

RYE.

The area of the 1887 rye crop is 194,356 acres, exceeding that of 1886 by 34,783 acres. The average yield of fifteen bushels per acre is less than that of 1886, by four bushels per acre. The total yield of rye this season was 2,970,020 acres.

A lower price for rye than that received this year, 42 cents, has been paid but once in the last twenty-eight years, in 1878, when rye brought but 41 cent per bushel.

The value to the producer of the present crop of rye, of \$1,250,123, is less than that of any crop since 1870, with the exceptions of 1871, 1872, 1873, 1878 and 1885.

The following table gives the area, yield and value of the past twenty-eight rye crops grown in the State:

Year.	Number of acres.	Average yield per acre—bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	*Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	59,455	16	951,281	\$0 49	\$466,127	\$7 87	\$9 80	\$582,659	.....	\$116,532
1861.....	59,455	16	951,281	44	323,435	5 44	9 80	582,659	.....	259,224
1862.....	49,066	20	981,322	43	421,968	8 60	9 80	480,847	.....	58,879
1863.....	55,199	16	833,190	74	653,561	11 84	9 80	540,950	\$112,611	.....
1864.....	56,671	15	850,071	1 01	862,822	15 22	9 80	555,376	307,446	.....
1865.....	51,004	16½	833,069	49	410,977	8 06	9 80	499,839	.....	88,862
1866.....	42,721	16.6	666,455	79	526,500	12 32	9 80	418,666	107,834	.....
1867.....	42,600	15	639,000	1 19	760,410	17 85	9 80	417,480	342,930	.....
1868.....	37,814	16 2	645,000	93	599,850	15 06	9 80	490,177	209,673	.....
1869.....	46,875	14.4	675,000	64	432,000	9 32	9 80	459,375	.....	27,375
1870.....	136,280	16.4	2,235,000	60	1,341,000	9 34	9 80	1,335,544	5,356	.....
1871.....	123,033	17 8	2,190,000	56	1,226,400	9 96	9 80	1,205,723	20,677	.....
1872.....	122,154	18 1	2,211,000	50	1,105,500	9 05	9 80	1,197,109	.....	91,609
1873.....	134,064	15	2,087,000	58	1,205,240	9 00	9 80	1,313,827	.....	108,587
1874.....	132,208	15.4	2,036,000	71	1,445,560	10 93	9 89	1,295,638	149,922	.....
1875.....	157,572	16.5	2,600,000	61	1,586,000	10 06	9 80	1,544,205	41,795	.....
1876.....	161,250	16	2,580,000	58	1,496,400	9 28	9 80	1,580,250	.....	83,850
1877.....	231,972	16	3,852,091	55	2,103,800	9 10	9 80	2,273,326	.....	169,526
1878.....	252,768	11	2,915,940	41	1,195,535	4 77	9 90	2,477,126	.....	1,289,591
1879.....	235,073	18	4,238,824	47	1,991,404	8 47	9 80	2,303,715	.....	312,311
1880.....	149,742	17	2,737,159	56	1,513,587	10 10	9 80	1,515,235	.....	1,648
1881.....	175,418	16	2,956,411	81	2,403,954	12 93	9.80	1,773,875	630,079	.....
1882.....	357,095	18	6,538,683	62	4,064,483	11 16	10 05	3,591,067	483,416	.....
1883.....	276,766	17	4,695,448	48	2,244,646	8 16	10 10	2,798,758	.....	554,112
1884.....	250,041	16	4,033,092	52	2,101,197	8 40	10 35	2,592,295	.....	491,098
1885.....	142,706	15	2,108,745	53	1,121,968	7 86	10 25	1,465,438	.....	343,470
1886.....	159,573	19	3,027,738	48	1,461,995	9 16	10 25	1,637,188	.....	175,193
1887.....	194,356	15	2,970,020	42	1,250,123	6 43	10 25	1,996,397	.....	746,274

\*1860-1881 estimated same as reported for 1880.



Comparatively little attention is given to the cultivation of rye in Illinois. The area, yield and value of the crop by counties is given in a table published elsewhere in this report.

In all except the counties named below less than fifty thousand bushels of rye were raised this season, viz: Bureau, 85,568 bushels; Carroll, 131,740; DeKalb, 69,420; DuPage, 76,660; Fulton, 60,560; Henderson, 83,205; Henry, 165,936; Iroquois, 78,778; Kane, 55,125; Kankakee, 83,700; Knox, 62,340; Lee, 106,845; Mercer, 74,736; Morgan, 91,561; Ogle, 73,570; Rock Island, 63,180; Stephenson, 224,274; Whiteside, 277,360; Winnebago, 164,097.

## BARLEY.

The area of the barley crop of 1887 is the largest in the State since 1876, but the average yield per acre, sixteen bushels, reduces the total yield to 757,935 bushels.

The average price paid for barley this season, 45 cents per bushel, is less than the August price for twenty-eight years, with the exception of 1861, 26 cents.

The producer will receive but \$340,134 for the crop, but little more than he received for the crop of 1886 when the area devoted to barley was nearly five thousand acres less than that of the present season.

The following table gives the area, yield and value of the past twenty-eight barley crops produced in this State:

Year.	Number of acres.	Average yield per acre.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	†Cost of production per acre.	Total cost of production.	Profit.	Loss
1860.....	45,058	23	1,036,334	\$0 49	\$507,803	\$11 26	\$10 55	\$475,362	\$32,441	.....
1861.....	45,058	23	1,036,334	26	269,446	5 97	10 55	475,362	.....	\$205,916
1862.....	32,657	36	1,175,651	60	705,390	21 60	10 55	344,521	360,859	.....
1863.....	54,775	22	1,205,042	95	1,444,790	20 81	10 55	577,876	566,914	.....
1864.....	50,520	22 $\frac{3}{4}$	1,144,790	37	1,568,362	31 04	10 55	532,986	1,035,376	.....
1865.....	50,425	21	1,058,931	56 $\frac{3}{4}$	600,943	11 91	10 55	531,994	68,949	.....
1866.....	41,510	25	1,037,753	68	705,672	17 00	10 55	437,930	267,742	.....
1867.....	44,663	22.3	996,000	1 28	1,274,880	28 52	10 55	471,195	803,685	.....
1868.....	37,829	25.8	976,000	1 36	1,327,360	35 08	10 55	399,096	928,264	.....
1869.....	59,808	20.8	1,250,000	90	1,125,000	18 81	10 55	630,974	494,026	.....
1870.....	111,600	20	2,232,000	62	1,383,840	12 49	10 55	1,177,380	206,460	.....
1871.....	80,509	25.5	2,053,000	52	1,067,560	13 26	10 55	849,370	218,190	.....
1872.....	79,455	26.1	2,073,000	55	1,140,150	14 35	10 55	837,944	302,206	.....
1873.....	99,130	23	2,280,000	95	2,166,000	21 85	10 55	1,045,821	1,120,179	.....
1874.....	119,302	17.2	2,052,000	97	1,990,440	16 68	10 55	1,258,636	731,804	.....
1875.....	113,281	25.6	2,900,000	70	2,030,000	17 92	10 55	1,195,114	834,886	.....
1876.....	124,293	17.7	2,200,000	50	1,100,000	8 85	10 55	1,311,291	.....	211,291
1877.....	44,982	18.5	842,942	47	396,182	8 80	10 55	474,560	.....	78,378
1878.....	29,301	24	703,294	56	398,844	10 19	10 55	309,125	89,719	.....
1879.....	25,494	22 $\frac{3}{4}$	578,911	46	265,951	10 43	10 55	268,972	.....	3,021
1880.....	39,313	25	998,382	56	660,703	14 26	10 55	407,271	153,432	.....
1881.....	31,472	22	697,467	74	892,328	16 28	10 55	331,066	161,262	.....
1882.....	34,611	27	940,396	68	641,951	18 36	10 55	364,695	277,256	.....
1883.....	26,845	25	674,338	59	398,901	14 75	10 35	278,298	120,063	.....
1884.....	26,746	27	732,139	50	366,550	13 70	10 17	272,159	94,391	.....
1885.....	34,706	25	862,482	47	405,764	11 70	10 15	351,952	53,812	.....
1886.....	41,992	28	1,164,052	52	603,215	14 36	10 20	428,486	174,729	.....
1887.....	46,646	16	757,935	45	340,134	7 29	10 20	474,845	.....	134,711

†1860-1881 estimated same as reported for 1880.

The following counties produced the greater part of the barley grown in the State: Boone, 81,753 bushels; Bureau, 16,060; Carroll, 45,264; DeKalb, 28,425; Henry, 58,755; JoDaviess, 32,861; Lake, 42,460; McHenry, 141,132; Stephenson, 168,476; Winnebago, 53,174.

HAY.

The area in meadows the present season is smaller than for two years past, being but 3,316,016 acres.

The yield per acre, 0.78 of a ton, is much below the average yield per acre for the past twenty-eight years, and the total yield of hay, 2,581,539 acres, is less than for any year since 1879.

The average price of hay to the producer, \$8.70 per ton, is the highest price obtained since 1879.

The hay crop of 1887 will return to the farmers \$22,458,692, a less sum than that obtained for any hay crop since 1879.

The following table gives the area, yield and value of the past twenty-eight hay-crops of the State:

Year.	Number of acres.	Average yield per acre.	Tons produced.	Price per ton.	Total value.	Value per acre.	†Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	1,258,548	1.41	1,774,554	\$9 90	\$17,568,084	\$13 95	\$7 35	\$9,250,328	\$8,317,756	.....
1861.....	1,258,548	1.41	1,774,554	9 90	17,568,084	13 95	7 35	9,250,328	8,317,756	.....
1862.....	1,348,724	2.7	2,292,831	8 00	18,342,648	13 60	7 35	9,913,121	8,429,527	.....
1863.....	1,161,707	1.5	1,742,552	11 50	20,039,348	17 25	7 35	8,538,546	11,500,802	.....
1864.....	1,444,483	1.5	2,166,725	15 33	33,215,894	23 00	7 35	10,616,950	22,598,944	.....
1865.....	1,733,380	1.5	2,600,070	9 30	24,180,651	13 95	7 35	12,740,343	11,440,308	.....
1866.....	1,591,880	1.47	2,340,063	9 27	21,692,384	13 62	7 35	11,700,318	9,992,066	.....
1867.....	1,778,000	1.4	2,667,000	9 73	25,949,910	14 59	7 35	13,068,300	12,881,610	.....
1868.....	1,905,000	1.4	2,667,000	10 00	26,670,000	14 00	7 35	14,001,750	12,668,250	.....
1869.....	1,761,006	1.59	2,800,000	9 87	27,636,000	15 69	7 35	12,943,394	14,692,606	.....
1870.....	1,605,932	1.18	1,895,000	10 74	20,352,300	12 67	7 35	11,803,600	8,548,700	.....
1871.....	1,403,053	1.31	1,838,000	10 05	18,471,900	13 16	7 35	10,312,439	8,159,461	.....
1872.....	1,428,888	1.35	1,929,000	9 47	18,267,630	12 78	7 35	10,502,327	7,765,303	.....
1873.....	1,880,000	1.25	2,350,000	8 75	20,562,500	10 93	7 35	13,818,000	6,744,500	.....
1874.....	1,860,417	1.2	2,232,500	10 49	23,418,925	12 58	7 35	13,674,064	9,744,861	.....
1875.....	2,226,277	1.37	3,050,000	9 73	29,676,500	13 33	7 35	16,363,136	7,016,864	.....
1876.....	2,500,000	1.40	3,500,000	6 68	23,380,000	9 35	7 35	18,375,000	5,005,000	.....
1877.....	2,443,360	1.65	4,044,967	5 43	21,971,368	9 99	7 35	17,958,696	4,012,672	.....
1878.....	2,368,854	1.45	4,255,471	4 70	19,994,341	8 44	7 35	17,411,077	2,583,264	.....
1879.....	2,161,760	1.20	2,578,730	6 37	16,428,012	7 60	7 35	15,888,936	539,076	.....
1880.....	2,259,857	1.5	3,486,584	6 50	22,589,691	9 75	7 35	16,706,706	5,912,985	.....
1881.....	2,384,366	1.5	3,484,222	6 95	24,184,087	10 42	7 35	17,517,470	6,666,617	.....
1882.....	2,629,333	1.75	4,389,186	7 75	34,006,164	13 56	7 35	19,390,712	14,615,456	.....
1883.....	2,945,482	1.75	5,064,400	6 15	30,990,271	10 76	7 35	21,694,095	9,296,179	.....
1884.....	3,004,342	1.64	4,940,506	5 47	27,055,087	9 00	7 35	22,093,723	4,961,364	.....
1885.....	3,197,688	1.33	4,197,226	6 05	25,347,809	7 96	7 30	23,320,211	2,027,591	.....
1886.....	3,393,961	1.45	4,944,810	5 90	29,465,173	8 53	7 15	24,752,971	6,192,328	.....
1887.....	3,316,016	.78	2,581,539	8.70	22,458,692	6 77	7 30	24,149,983	.....	1,691,291

†1860-1881 estimated same as reported for 1880.

The value of the 1887 hay crop exceeds half a million dollars, as noted in the following counties: Adams, \$566,962; Cook, \$617,190; Iroquois, \$540,857; Lee, \$526,039; Will, \$551,576.

The area, yield and value of the hay crop of 1887 for each county in the State, is given in a table published elsewhere in this report.

FLAX.

Some attention is given to the cultivation of flax in about one-fourth of the counties in the State.

In a table published elsewhere in this report, the area, yield and value of the flax is given by counties. The area devoted to flax has steadily decreased since 1879, and the area



of the present crop is but little over ten thousand acres (10,184).

The average yield per acre, eight bushels, is below the average yield for the past nine years.

The price obtained for flax seed this season, \$1 per bushel, is rather below the average, and the producer will receive but \$81,472, for his labor.

The following table gives the area, yield and value of the last nine crops of flax grown in the State.

YEAR.	Number of acres.	Average yield per acre.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1879.....	110,016	9 00	990,447	\$1 30	\$1,296,753	\$11 78	.....	.....	.....	.....
1880.....	171,985	9 06	1,557,898	1 00	1,579,634	9 19	\$9 45	\$1,565,715	\$13,919	.....
1881.....	116,776	9 17	1,071,339	1 02	1,099,017	9 41	9 45	1,045,504	53,513	.....
1882.....	93,240	8 84	824,820	1 10	911,706	9 78	8 90	830,970	80,736	.....
1883.....	29,338	9 31	273,286	1 09	300,208	10 22	8 65	258,726	41,292	.....
1884.....	31,019	8 79	272,845	1 15	314,416	10 14	8 73	270,825	42,519	.....
1885.....	21,744	9 90	198,823	1 09	216,093	9 94	8 95	194,732	21,361	.....
1886.....	13,231	8 90	117,593	0 95	111,957	8 46	9 10	120,399	.....	8,442
1887.....	10,184	8 00	81,472	1 00	81,472	8 00	8 85	90,234	.....	\$8,762

## CORN.

The average condition of corn throughout the State on the first of August indicated less than two-thirds of an average yield per acre.

The prospect for corn has not been so discouraging at this date for many years. The prospect is favorable for about two-thirds of an average yield of corn in the Northern Division of the State for 59 per cent. of an average yield per acre in the Central and 62 per cent. of an average yield per acre in the Southern Division.

A full average yield of corn may be expected in but two counties in the State, Hardin and Jackson.

The prospect is encouraging for from three-fourths to an average yield per acre in the following counties viz: Adams, 87 per cent; Alexander, 84; Boone, 76; Brown, 78; Calhoun, 77; Carroll, 97; DeKalb, 77; Gallatin, 87; Hancock, 88; Iroquois, 82; Jo Daviess, 75; Lee, 92; McDonough, 75; Menard, 77; Mercer, 80; Ogle, 80; Pike, 90; Randolph, 83; Rock Island, 87; Schuyler, 93; Stark, 81; St. Clair, 80; Union, 88; Wabash, 85; Whiteside, 80; Winnebago, 75.

The area of the growing crop of corn is less than that of 1886 by 324,922 acres. In the following counties the decrease in the corn area as compared with last year, exceeds ten thousand acres, as noted: Bond, 13,681 acres; Christian, 17,263; Douglas, 19,166; Gallatin, 28,900; Hancock, 10,306; Logan, 11,206; Macoupin, 12,108; Madison, 23,497; McLean, 18,798; Montgomery, 12,855; Moultrie, 19,739; Peoria, 10,938; Shelby, 20,464; Stark, 13,191.

The area of corn is larger than in 1886 in the following counties: Brown, 1,716 acres; Cass, 3,894; Champaign, 1,445; Clark, 2,121; Clay, 507; Cook, 3,415; Crawford, 2,741; Edgar, 218; Effingham, 2,647; Fayette, 224; Ford, 8,550; Franklin, 4,776; Hardin, 430; Iroquois, 1,406; Jasper, 8,624; Jefferson, 12,754; Jersey, 1,327; Jo Daviess, 7,480; Lake, 1,664; Macon, 1,537; Marion, 10,199; Massac, 3,200; McHenry, 266; Piatt, 8,506; Pike, 1,034; Richland, 184; Sangamon, 1,103; St. Clair, 4,133; Wabash, 3,167.

The decrease in the prospect for corn during the month of July, owing to the drouth, was 33 per cent. in the Northern Division, 37 per cent in the Central and 27 per cent. in the Southern Division.

Attention is invited to a table published elsewhere in this report, giving by counties the 1887 area and the August 1st, condition of corn for the past ten years.

## BROOM CORN.

The August condition of broom corn gives encouragement for an average crop in the following counties, viz: Alexander, Carroll, Pike, Pope, Randolph and Warren. The prospects are favorable for from three-fourths to an average yield per acre in the counties noted below: Boone, 75; Champaign, 75; Christian, 90; DeWitt, 75; Ford, Iroquois and Jackson, 80; Johnson, 82; Knox, 95; LaSalle, 90; Livingston, Madison and McDonough, 75; Marshall, Mason, McHenry, Mercer and Ogle, 80; Pulaski, 82; Sangamon, 80; Schuyler, 85; Stark, 95; Stephenson, 90; Union, 75; Wabash, 90; White, 85; Williamson, 75.

In the remaining counties in the State in which any attention is paid to the cultivation of broom corn, there will be less than three-fourths of an average yield per acre.

Attention is invited to a table published elsewhere in this report in which the condition of broom corn is given for the counties not named above.

## SORGHUM.

The condition of sorghum the first of August gives encouragement for an average yield per acre in the following counties: Hancock, Lee and Rock Island.

There will be from three-fourths to an average yield per acre as noted in the counties named below: Carroll, 87 per cent.; Cass, 95; Douglas and Edgar, 75; Ford, 80; Fulton, 82; Greene, 85; Hardin, 90; Iroquois, 93; Jackson, 75; LaSalle, 86; Lawrence, 81; Logan, 90; Macon, 75; Macoupin, 81; Madison, 80; Marshall, 75; Mason, 80; McLean, 80; Menard, 90; Mercer, 95; Peoria, 90; Perry, 80; Pike, 93; Pope, 82; Randolph, 75; Sangamon, 95; Schuyler, 80; Stark, 90; Stephenson, 85; Union, 82; Warren, 97; Whiteside, 90, and Winnebago, 75.

In a table published elsewhere in this report, the condition of sorghum August 1st. is given for the counties not named above.

## COTTON.

The condition of cotton in Williamson county is twenty per cent. below the July 1 condition.

Reports have been received on this crop from no other county.

## HEMP.

In Coles and McHenry counties the acreage of hemp is reported as large as in 1886. The condition of the crop in McHenry county is up to an average, and in Coles county is in 80 per cent. of an average condition.

## PASTURES.

There is an increase in the area of pastures this year as compared with 1886, of 94,413 acres.

There was an increase of ten thousand or more acres in the following counties, viz: Edgar, 14,211 acres; Henderson, 14,875; Jefferson, 21,500; JoDaviess, 13,306; Sangamon, 13,045; Stephenson, 10,443; Whiteside, 15,984.

The largest decrease in area was in the counties noted below: Adams, 11,117 acres; Galatin, 13,745; Hamilton, 11,089; Knox, 10,926; McLean, 15,376; Shelby, 11,937.

The total number of acres devoted to pasture in 1887 was 5,632,287.

The August 1 condition of pastures has not been so poor for over ten years. Reports from all portions of the State give the average condition as 39 per cent. The Northern portions of the State has suffered most from the drouth, while the best report comes from Hardin county, 100 per cent.



The condition of pastures was up to 75 per cent. in the following counties, viz: Jackson, 80; Saline, 85; St. Clair, 75.

The August 1 condition of pastures for the last ten years has been as follows: 1887, 39 per cent.; 1886, 60; 1885, 90; 1884, 109; 1883, 102; 1882, 98; 1881, 75; 1880, 91; 1879, 78; 1878, 96.

Attention is invited to a table published elsewhere in this report, giving the area of pastures in each county in the State, as well as the August 1 condition since 1878.

## IRISH POTATOES.

The prospect is encouraging for an average yield of Irish potatoes in the counties of Hardin and Jackson. The present condition is favorable for from one-half to an average crop of Irish potatoes in the counties named below: Adams, 55 per cent.; Alexander, 77; Bond, 60; Brown, 67; Calhoun, 72; Carroll, 67; Clay, 66; Clinton, 50; DuPage, 50; Franklin, 85; Gallatin, 60; Greene, 61; Hamilton, 95; Hancock, 63; Jefferson, 60; Jersey, 87; Johnson, 72; Knox, 57; Lawrence, 69; Macoupin, 67; Madison, 72; Marion, 70; Marshall, 59; Menard, 58; Mercer, 50; Montgomery, 52; Morgan, 52; Perry, 67; Pope, 82; Randolph, 92; Richland, 65; Rock Island, 61; Saline, 61; Schuyler, 73; Scott, 50; Stark, 65; St. Clair, 80; Stephenson, 62; Union, 67; Wabash, 64; Warren, 52; Washington, 72; Wayne, 91; White, 70; Williamson, 79.

The August 1st. condition of Irish potatoes for the counties not named above, will be found in a table published elsewhere in this report.

## SWEET POTATOES.

The most favorable reports as to the condition of sweet potatoes come from the following counties, where from three-fourths to an average yield per acre may be expected: Alexander, 87 per cent.; Bond, 76; Carroll, 100; Cass, 75; Clay, 77; Douglas, 80; Gallatin, 100; Hamilton, 84; Hancock, 78; Hardin, 110; Henderson, 75; Iroquois, 85; Jackson, 90; Jersey, 77; Johnson, 87; Knox, 81; Lawrence, 85; Lee, 75; Macoupin, 76; Madison, 90; McHenry, 100; Menard, 83; Morgan, 80; Ogle, 100; Pike, 82; Pope, 88; Randolph, 95; Richland, 79; Rock Island, 97; Sangamon, 85; Schuyler, 93; Scott, 75; Stark, 97; St. Clair, 75; Stephenson, 80; Union, 77; Wabash, 98; Warren, 80; Washington, 81; Wayne, 88; White, 85; White-side, 100.

## TURNIPS.

There is an increase in the area of turnips and other root crops as noted in the following counties: Henry, 105; Knox, 125; Massac, 120; Ogle, 105; Sangamon, 110; Stark, 105. In the counties named below the area sown to turnips and other root crops is about the same as in 1886: Carroll, Champaign, Christian, Edgar, Franklin, Hardin, Jasper, Jersey, Johnson, Lawrence, Madison, McHenry, Pike, Saline, Stephenson, Vermilion, Wabash, Warren, Wayne, White and Will.

In the other counties in the State in which attention is paid to turnips, there is a decrease of from three to eighty per cent. in the area as compared with 1886.

The condition is favorable for an average yield per acre only in the counties named: Franklin, Hamilton, Massac, Pike and Sangamon.

A table published elsewhere in this report gives the area and condition of turnips in all the counties in the State.

## TOBACCO.

There will be from three-fourths to an average yield of tobacco, as follows: Alexander county, 90 per cent.; Crawford, 85; Douglas, 100; Hardin, 85; Johnson, 85; Madison, 85; Marion, 90; McHenry, 100; Montgomery, 75; Pope, 100; Pulaski, 87; Randolph, 100; Sangamon, 75; Warren, 100; Washington, 87; Wayne, 90.

In the remaining counties in the State in which the crop is grown, there will be less than three-fourths of an average yield per acre.

## CASTOR BEANS.

The condition of castor beans is not encouraging for much over three-fourths of an average yield per acre. The August 1 condition of the crop is as follows, in the few counties in which they are grown: Bond, 73 per cent.; Clinton, 70; Franklin, 63; Hamilton, 90; Henry, 25; Jackson, 75; Jefferson, 70; Johnson, 100; Macoupin, 75; Perry, 77; Pulaski, 83; Randolph, 87; Washington, 62; White, 75; Will, 70; Williamson, 67.

## BUCKWHEAT.

The area of the growing crop of buckwheat is as large as in 1886 in but few counties.

The area of the crop is as follows in all the counties where buckwheat is grown: Bond, 95; Brown, 100; Christian, 100; Clark, 60; Clay, 75; Crawford, 65; Cumberland, 25; DeWitt, 47; Franklin, 100; Fulton, 100; Hamilton, 95; Hancock, 100; Jasper, 75; Jefferson, 100; Jersey, 50; JoDaviess, 75; Johnson, 100; Kane, 100; Kankakee, 100; Kendall, 80; Knox, 25; Lawrence, 100; Lee, 30; Livingston, 10; Logan, 100; Macon, 10; Macoupin, 92; Madison, 50; Marion, 40; Massac, 25; McDonough, 75; Mercer, 100; Ogle, 100; Richland, 81; Schuyler, 100; Shelby, 75; Stark, 100; Stephenson, 100; Warren, 100; Wayne, 101; White, 103; Will, 87; Winnebago, 65.

The condition of buckwheat promises from three-fourths to an average yield per acre in the counties named below: Bond, 75 per cent.; Clay, 87; Franklin, 75; Hamilton, 75; Hancock, 105; JoDaviess, 100; Johnson, 95; Kankakee, 75; Lawrence, 78; Logan, 75; Massac, 100; Stark, 100; Stephenson, 75; Warren, 80.

A table published elsewhere in this report gives the comparative area and condition of buckwheat in each county in the State where it is raised.

## FIELD PEAS.

There will be an average yield per acre of field peas in but two counties in the State, viz: Massac and Wayne.

In the other counties in Illinois in which peas are grown as a field crop, the prospect is encouraging for the following yield per acre: Alexander, 90 per cent., Bond, 50; Brown, 40; Bureau, 40; Clark, 20; Crawford, 35; Fayette, 40; Frandlin, 50; Gallatin, 80; Hamilton, 77; Henry, 50; Iroquois, 70; Jefferson, 75; Jo Daviess, 55; Johnson, 75; Lee, 62; Livingston, 60; Macoupin, 70; Mason, 10; McHenry, 50; Montgomery, 65; Ogle, 50; Pope, 85; Pulaski, 50; Saline, 70; Schuyler, 80; Shelby, 50; Stephenson, 67; Washington, 60; Will, 5.; Williamson, 93; Winnebago, 40.

## FIELD BEANS.

There will be an average yield per acre of field beans in the following counties: Hardin, Sangamon, Schuyler, Stephenson, Warren, and Whiteside.

The prospect is encouraging for from two-thirds to an average yield per acre in the counties below: Alexander, 95; Bond, 68; Carroll, 76; Champaign, 70; Clay, 85; DeKalb, 70; Fulton, 75; Gallatin, 75; Hamilton, 77; Iroquois, 70; Jackson, 85; Johnson, 75; Knox, 80; Livingston and Logan, 70; Macoupin, 80; Madison, 90; Massac, 70; Montgomery, 77; Perry, 80; Pope, 85; Richland, 88; Rock Island, 75; St. Clair, 80; Vermilion, 80; Wabash, 93; Williamson, 75.

Attention is invited to a table published elsewhere in this report, giving the condition of field beans in all the counties not mentioned above.



## APPLES.

There will be over half a crop of apples in the following counties as noted: Bond, 70 per cent.; Clay, 62; Cook, 60; Franklin, 72; Gallatin, 77; Hamilton, 89; Hardin, 90; Jackson, 75; Jefferson, 62; Johnson, 63; Kankakee, 54; LaSalle, 50; Lawrence, 55; Massac, 70; Perry, 79; Pope, 78; Pulaski, 86; Randolph, 77; Saline, 75; Scott, 50; Stark, 52; St. Clair, 60; Union, 75; Wabash, 60; Washington, 60; Williamson, 74.

Less than half a crop of apples may be expected in the other counties in the State as may be seen from a table published elsewhere in this report.

## PEACHES.

Saline is the only county in the State which reports the prospect encouraging for an average crop of peaches.

In the remaining counties in which peaches are grown at all, the following per cent. of an average crop may be expected: Alexander, 95; Bond, 39; Clark, 27; Clay, 65; Clinton, 30; Coles, 60; Crawford, 42; Cumberland, 25; Effingham, 27; Franklin, 62; Gallatin, 82; Hamilton, 97; Hardin, 65; Jackson, 80; Jasper, 10; Jefferson, 82; Jersey, 5; Johnson, 80; Kane, 25; Lawrence, 47; Logan, 10; Madison, 10; Marion, 15; Massac, 90; Montgomery, 37; Perry, 79; Pope, 95; Pulaski, 99; Randolph, 93; Richland, 38; Shelby, 13; Union, 88; Wabash, 50; Washington, 77; Wayne, 58; White, 76; Williamson, 96.

## PEARS.

The August reports indicate that there will be from three-fourths to an average crop of pears in the following counties: Clay, 78; Clinton, 90; DeWitt, 80; Hamilton, 82; Hardin, 95; Jackson, 85; Perry, 83; Pope, 87; Randolph, 92; Saline, 100; Schuyler, 82; Union, 82; Washington, 83; Williamson, 83.

A table published elsewhere in this report gives the prospect for pears in the counties not named above.

## PLUMS.

The indications are favorable for an average crop of plums in the counties noted below: Clinton, Hardin, Jackson, Johnson, Marion, Massac, Pope, Pulaski, Saline, Union, Washington and Winnebago. In a table published elsewhere in this report is given the August condition of plums in the counties not named.

## GRAPES.

There will be a better yield of grapes this season than of any other fruit. The August condition indicates that there will be a full average yield in the following counties, viz: Carroll, Massac, McDonough and Schuyler, 100; Pulaski, 110; Randolph, 103; Winnebago, 103; In all the remaining counties except the following, the prospect is good for from three-fourths to an average yield: Boone, 62; Calhoun, 30; Christian, 69; Clark, 66; Clay, 71; Clinton, 65; Crawford, 47; Cumberland, 70; Effingham, 55; Fayette, 56; Ford, 52; Gallatin, 60; Greene, 65; Grundy, 60; Henderson, 72; Jasper, 57; Jersey, 33; Johnson, 67; Kendall, 55; Lawrence, 70; Lee, 71; Macon, 68; Madison, 72; Mason, 67; Peoria, 62; Richland, 55; Sangamon, 62; Wabash, 72; Warren, 73; Washington, 98; Wayne, 52; White, 65; Woodford, 43.

## BLACKBERRIES.

There was an average or better crop of blackberries in the following counties, viz: Jackson, 100; Massac, 110; Pope, 105; Pulaski, 112. In the counties named below there was from three-fourths to an average yield of blackberries, as noted: Alexander, 99; Carroll, 75; Franklin, 80; Gallatin, 90; Hamilton, 90; Johnson, 85; Lake, 75; Lawrence, 89; Marion, 75

Randolph, 92; Saline, 77; St. Clair, 85; Union, 80; Washington, 75; Wayne, 76. Attention is invited to a table published elsewhere in this report, in which the yield of blackberries in each county in the State is given.

## QUINCES.

In the few counties in which quinces are raised their August 1 condition was as follows: Alexander, 95; Bond, 37; Brown, 60; Champaign, 25; Clay, 50; Clinton, 80; Coles, 31; Crawford, 33; Cumberland, 50; DeWitt, 10; Effingham, 5; Fayette, 100; Franklin, 75; Hardin, 40; Jackson, 70; Jasper, 25; Jefferson, 75; Johnson, 100; LaSalle, 68; Lawrence, 80; Macoupin, 53; Marion, 80; Massac, 87; Montgomery, 50; Pope, 100; Pulaski, 83; Randolph, 90; Richland, 10; Saline, 100; Shelby, 32; Wabash, 50; Washington, 67; Wayne, 37; White, 45; Williamson, 75.

## AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past ten years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

*Secretary.*



## CORRESPONDENTS' REMARKS.

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ADAMS—During the past month the growing corn crop has suffered from the continued dry weather and its condition is not as good as on July 1. The prospect is not encouraging for more than four-fifths of an average yield per acre. The yield of winter wheat per acre will average twenty-two bushels; rye twenty bushels, and oats forty-two bushels. The quality of hay is unusually good, and the yield will average about a ton and a quarter per acre. Pastures are nearly all dead and afford but little nourishment for stock. Sorghum cane, like all other vegetation, has suffered from the drouth, and but little over one-half a crop is expected. The fruit prospect has grown more discouraging every week since June 1, and there will be but a small yield of any variety. Irish and sweet potatoes do not promise more than half an average yield per acre. Farm animals are in good condition considering the short pasturage.

ALEXANDER—The prospect for corn is good for about four-fifths of an average yield per acre. There has been but little rain during the past month, and the growth has been small during that time. The quality of winter wheat is good, and the yield per acre will exceed sixteen bushels. The average yield per acre of oats is twenty-eight bushels, and where not injured by the chinch-bug, the quality is excellent. Broom corn promises a full average yield per acre; sorghum cane about two-thirds of an average yield per acre. Tobacco has made fair growth during the past month. The yield of hay will average two tons per acre; the quality good. Pastures are in fair condition. Irish and sweet potatoes promise about four-fifths of an average yield per acre. Vegetation of all kinds is suffering for want of rain at this time. There is a fair yield of every variety of fruit. The peach crop is larger than for several years past. Farm animals are in fair condition. There is some complaint of distemper among horses and mules.

BOND—The growing corn crop is in very poor condition. Much of it will make nothing but fodder. On bottom land fair corn will be raised. The prospect at best is not good for more than one-third of an average yield per acre. The quality of winter wheat is generally good. The yield will not ex-

ceed nine bushels per cent. Meadows have been injured by the drouth and the average yield of hay per acre will not exceed one ton. Broom corn and sorghum cane do not promise more than half an average yield per acre. Castor beans are not in good condition. Owing to the poor condition of pasturage, many farmers are feeding their stock on hay and corn fodder. Irish and sweet potatoes promise about two-thirds of an average yield per acre. Buckwheat is in fair condition, and the area is about the same as last season. The quality of fruit is very good, but the yield is light.

BOONE—Corn promises about three-fourths of an average yield per acre. There was an abundance of rain on the 2d and 3d of July, since which time corn has grown very rapidly. The yield of winter wheat is seven bushels, rye fifteen; spring wheat thirteen; barley seventeen and oats eighteen bushels per acre. Meadows did not yield to exceed one-half ton per acre. Pastures were never in poorer condition than at this time. The grass appears to be dead. Irish potatoes will not make more than one-half an average yield per acre. Buckwheat is in very poor condition. Field beans and peas are almost an entire failure. There will be but little fruit and of a very poor quality. Farm animals are thin and are growing thinner every day. The excessive heat, short pasturage, scarcity of water and flies combined, have lowered their condition since July 1.

BROWN—The growing corn needs rain very badly at this time, and its condition is not good for more than four-fifths of an average yield per acre. The quality of winter wheat is good and the yield will average about twenty-six bushels per acre; rye eighteen bushels and oats forty-two bushels. Sorghum cane promises about four-fifths of an average yield per acre. Meadows yielded about one and three-fourth tons of good hay per acre. Pastures are growing poorer in condition every day. Irish and sweet potatoes will not yield more than half a crop. There are but few apples and but little fruit of any kind except grapes; the latter crop promises a large yield. Farm animals are in good condition and free from disease.



**BUREAU**—Corn on the uplands is almost an entire failure, but on the black prairie and low lands it is in fair condition. The drouth has been very severe, and no prospect of rain at this time. Winter wheat will not yield to exceed fourteen bushels per acre. There has been but little threshing done up to this date. Winter rye will yield fourteen, spring wheat fifteen, barley twenty-two and oats twenty-five bushels per acre. The quality of all small grain is good. The yield of hay will not exceed one-half ton per acre, which is probably the lightest yield ever known in the county. Pastures are but little better than a failure, and nearly every farmer is feeding stock on hay and fodder. Sorghum cane will yield but little over one-half an average crop. Irish potatoes will be nearly a failure. The condition of buckwheat is very poor. Turnips and other root crops have suffered greatly for the want of rain, and their condition has seldom been poorer at this season of the year. Field beans and peas do not promise half an average yield. There is but little fruit of any kind and the quality is poor. Farm animals are in remarkably good condition considering the condition of pastures. Water for stock is scarce.

**CALHOUN**—Corn in some portions of the county is in excellent condition, but is needing rain at this time. The prospect is good for fully three-fourths of an average yield per acre throughout the county. About one-half of the recently harvested wheat crop has been threshed, and the average yield per acre will exceed twenty bushels; the quality is very good. The yield per acre of oats will average about twenty-five bushels and the quality has seldom been better. The average yield of hay per acre is about two and a half tons. Pastures are in fair condition but are suffering for rain at this time. Irish and sweet potatoes promise about three-fourths of an average yield per acre. The yield of fruit is very light; the quality is very poor. Farm animals are in very good condition.

**CARROLL**—The growing corn is in about an average condition for this season of the year. Up to this time having suffered very little for the want of rain. The yield of winter wheat per acre is twenty bushels; winter rye fourteen; spring wheat fourteen bushels; barley twenty-four bushels, and oats thirty-five bushels per acre. The quality of small grain of all kinds is good. The yield of hay per acre is about one ton. Broom corn and sorghum cane are in nearly an average condition for this date. Pastures are in poor condition, the grass nearly all dried up. Many farmers have sold off their cattle at reduced prices, owing to the scarcity of feed. Irish and sweet potatoes have made fair growth. Field beans promise about three-fourths of an average yield per acre. With the exception of grapes there is very little fruit of any description. Farm animals are not in good condition.

**CASS**—The condition of growing corn has been greatly reduced since July 1, and the prospect is not good for more than two-thirds of an average yield per acre. Winter wheat yielded twenty-one bushels; rye sixteen bushels, and oats forty bushels per acre. The yield of hay per acre is about one and a half tons. Sorghum cane is in about an average condition for August 1. The condition of pastures is not good. There has been but little rain during the past

month and vegetation of all kinds is suffering from drouth at this time. Irish potatoes will not yield more than one-third of a crop. Sweet potatoes will make about three-fourths of an average yield per acre. With the exception of grapes there will be but little fruit of any kind. Farm animals are in very fair condition considering the drouth.

**CHAMPAIGN**—The growing corn is suffering for the want of rain. Much of it is firing badly. Corn has tasseled out in many fields at only three or four feet in height and not a sign of an ear. There has been but little rain since June 4. Not more than one-half a crop of corn is expected. Winter wheat will yield seventeen bushels; rye fifteen bushels; spring wheat thirteen bushels, and oats forty bushels per acre. Meadows yielded one ton per acre of good hay. Broom corn and sorghum cane are in fair condition and three-fourths of an average yield may be expected. Pastures are all dried up and dead. Many farmers are feeding their stock hay and fodder. Irish potatoes will not yield more than one-fourth of a crop; sweet potatoes but little over half of an average yield. There will be a few apples; a large yield of grapes and but little other fruit. Farm animals are healthy but are reducing in flesh, owing to the scarcity of feed and water.

**CHRISTIAN**—The excessive dry weather has nearly ruined the corn crop in some localities in this county. With the most favorable condition heretofore the yield will not exceed two-thirds of an average per acre. Winter wheat yielded eighteen bushels; rye nineteen bushels, and oats thirty-nine bushels per acre. Broom corn and sorghum cane are in very fair condition. The tobacco crop, owing to the drouth, has been cut short fully fifty per cent. Meadows made an average yield of about one ton per acre of very good hay. Pastures are in poor condition. Farmers will be compelled to feed their stock during this month unless there are heavy rains soon. There is not much fruit of any kind and but little of it is fit for market. The condition of farm animals is generally good notwithstanding the shortness of pasturage.

**CLARK**—The prospect for an average yield of corn per acre has seldom been as discouraging at this season of the year. Under the most favorable conditions from now on till fall, the yield will not exceed one-fourth of an average per acre. Winter wheat yielded about twelve bushels; rye nine, and oats twenty-seven bushels per acre. The quality of all small grain is good. Broom corn and sorghum cane do not promise more than one-half an average yield per acre. The drouth has cut the tobacco crop short fully fifty per cent. Meadows yielded about three-fourths of a ton per acre of good hay. Pastures have seldom been in poorer condition than at this time. Irish and sweet potatoes do not promise but little over one-third of a crop. Buckwheat is not doing well, owing to the drouth. Field beans and peas are nearly a failure. There is but little fruit and the quality is not good. The condition of farm animals is good.

**CLAY**—The drouth has seriously damaged the growing corn, and the prospect is not encouraging for more than one-half of an average yield per acre. Winter wheat yielded six bushels; rye ten, and oats twenty-two



bushels per acre. Nearly all the small grain has been threshed and the quality is very good. Broom corn and sorghum cane do not promise more than half an average yield per acre and the prospect is growing more discouraging every week. Meadows yielded three-fourths of a ton per acre of very poor hay. Pastures are short and needing rain. Broom corn and sorghum cane will not make more than half an average yield per acre. Irish and sweet potatoes promise about two-thirds of an average yield per acre. Buckwheat is in very fair condition. Turnips and other root crops are doing well. There is about a half an average crop of apples and a fair yield of every other variety of fruit. Farm animals are in good health and condition.

CLINTON—The prospect for corn was never more discouraging than at this time. The drouth and chinch-bug have destroyed many fields entirely. Broom corn and sorghum cane are in poor condition. Tobacco has withstood the drouth and is doing well. Irish and sweet potatoes will not yield a half crop. Winter wheat yielded fifteen and oats thirty bushels per acre. The quality of small grain is only fair. Meadows yielded a half ton of hay per acre. There is very little fruit of any kind except grapes. Farm animals are in poor condition. Feed and water are scarce.

COLES—In no county in the State has the drouth had more serious effect on the growing corn than in Coles. During the past month the prospect has dropped from a full average yield per acre to about one-fourth of an average yield per acre. Winter wheat yielded eighteen bushels; rye twelve and oats thirty-six bushels per acre. Meadows did not yield more than three-fourths of a ton per acre of good hay. Pastures are not entirely dried up. And farmers are feeding their stock on hay and fodder. Broom corn and sorghum cane do not promise more than half of an average yield per acre. Hemp is in fair condition. Irish and sweet potatoes are not doing well. The drouth has materially injured both crops. Field beans will not make more than half an average per acre. The fruit yield is fair considering the drouth. Farm animals are in good condition.

COOK—The drouth is beginning to effect the corn very seriously. The late planting is drying up and it is doubtful if an abundance of rain at this time would save it. Winter wheat yielded twelve bushels; rye fifteen; spring wheat eleven; and oats twenty-five bushels per acre. Meadows did not yield to exceed three-fourths of a ton of good hay per acre. Pastures are completely dried up and stock is being fed on green corn and hay. Irish potatoes will not yield to exceed one-third of an average per acre. There will be a few apples but no other kind of fruit. Owing to the scarcity of feed cattle are not doing well.

CRAWFORD—Owing to the protracted drouth and the ravages of the chinch bug the growing corn is in very poor condition and with favorable conditions till fall not more than one half an average yield per acre can be expected. Winter wheat yielded ten bushels; rye thirteen and oats twenty-nine bushels per acre. The quality of all kinds of small grain is good. Meadows yielded one and a quarter tons per acre of very good hay. Pastures are in very poor condition and many

farmers are compelled to feed their stock on hay and fodder. Broom corn and sorghum cane have suffered greatly from the drouth during the past month. Tobacco has made fair growth. Irish and sweet potatoes will make about a half crop. Buckwheat is not doing well. Not more than one-third of an average yield per acre of field beans is expected. The drouth has seriously injured the fruit prospect. Cattle are in good condition considering the short pasturage.

CUMBERLAND—The corn crop is nearly ruined by the drouth and chinch-bug. A good rain at this time would not improve the prospect for corn. Not more than one-third of an average yield per acre is expected. Winter wheat yielded thirteen bushels; rye twelve, and oats thirty bushels per acre. Meadows yielded one and a quarter tons of good hay. Broom corn and sorghum cane do not promise more than one-third of an average yield per acre. Tobacco has made fair growth considering the drouth. Pastures were never in worse condition than at present. Irish and sweet potatoes will not make more than one-third of a crop. The condition of buckwheat is very poor. There is but little fruit of any kind and the quality is not good. Farm animals are in fair condition.

DEKALB—The growing corn looks well and promises four-fifths of an average yield per acre. Up to this time it has not suffered from the drouth. Winter wheat yielded fifteen bushels; rye fifteen; spring wheat fifteen; barley sixteen, and oats twenty-one bushels per acre. The quality of all kinds of small grain is good. Meadows did not yield more than half a ton per acre of grass, owing to the drouth last fall and the continued dry weather during the summer. Pastures are in poor condition and many farmers are feeding their stock hay and green corn. Irish potatoes promise but little over one-third of an average yield per acre. Buckwheat is in very poor condition. Field beans promise nearly three-fourths of an average yield per acre. There is very little fruit of any kind. Farm animals are in poor condition considering the drouth.

DEWITT—The prospect is not encouraging for more than one-half an average yield per acre of corn. Many fields look well while others are badly dried and curled. Winter wheat yielded twenty-one bushels; winter rye twenty-two; spring wheat fifteen, and oats forty one bushels per acre. Meadows did not yield more than half a ton of good hay per acre. Pastures are nearly all dead and farmers are feeding their stock fodder and hay. Broom corn and sorghum cane promise about two-thirds of an average yield per acre. Irish and sweet potatoes do not promise more than half a crop. Buckwheat is very backward. Field beans will yield about half a crop. There is very little fruit of any kind and none of it suitable for market. Live stock of all kinds is beginning to show the effect of the drouth on pastures.

DOUGLAS—Corn made fine growth to July 10, since which time the drouth and chinch-bug have seriously damaged the prospect. With most favorable conditions till fall but little over half an average yield per acre can be expected. Winter wheat yielded eighteen bushels; rye seventeen, and oats forty-four bushels per acre. The yield of hay will not exceed one ton per acre. Broom corn and



sorghum cane promise about two-thirds of an average yield per acre. Tobacco is doing well. Pastures are very short and many farmers have disposed of their stock owing to the scarcity of feed. Irish potatoes will not yield more than half a crop. Field beans and peas have not done well, owing to the drouth. There is very little fruit of any kind. The quality is very poor. Farm animals have done well up to the last twenty days, since which time they have suffered from the heat, dust and short pasturage.

DUPAGE—The prospect for corn is not encouraging for more than two-thirds of an average yield per acre. Winter rye and spring wheat yielded twenty bushels and oats twenty-five bushels per acre. The hay crop was nearly a failure, and the crop will not exceed a quarter of a ton per acre, and is not of good quality. There is little or no pasturage on the uplands, and farmers are compelled to feed their stock green corn and hay. Pastures on bottom lands are in much better condition. The prospect for Irish potatoes is not good for more than half a crop. There is very little fruit of any kind. Cattle and horses are in good condition considering the drouth.

EDGAR—Corn grew strong and healthy until the last week in June when it began to show the effects of the drouth. Since which time there has been but little rain, and the condition of corn has been reduced from the full average on June 1 to less than one-half of an average condition for August 1. Winter wheat will average nineteen bushels, rye fifteen and oats thirty-five bushels per acre. Meadows did not yield to exceed three-fourths of a ton per acre of good hay. Sorghum and broom corn will yield about three-fourths of an average per acre. Pastures are in very poor condition, and many farmers are feeding their stock fodder and hay. Irish and sweet potatoes will not yield to exceed one-third of a crop. Apples have nearly all dropped off the trees and there is but little prospect for any kind of fruit. Farm animals are in fair condition and healthy.

EFFINGHAM—Corn has seldom been in poorer condition than this season. With the most favorable conditions till fall, not more than one-fourth an average yield of corn may be expected. Winter wheat yielded twelve bushels, rye eleven and oats twenty-seven per acre. Meadows did not yield to exceed one ton of hay per acre. Sorghum cane is in very poor condition and will make but a small yield. Tobacco, like all other vegetation, has suffered for the want of rain. Many farmers have commenced feeding their cattle on hay and corn, owing to the shortness of pasturage. Irish and sweet potatoes will not make more than half an average yield per acre. Field beans do not promise more than two-thirds of an average yield per acre. Fruit of all kinds is drying up on the trees, owing to the extreme heat and dry weather. Some unknown disease has broken out among the cattle around Effingham, and a number of them have died. The condition of live-stock generally is fair.

FAYETTE—The growing corn has been nearly ruined by the drouth and chinch-bugs and the prospect is one not encouraging for more than one-third of an average yield per acre. Winter wheat yielded twelve bushels; rye ten, and oats twenty-seven bushels per acre. One and a quarter tons is a fair aver-

age for this season's hay crop. Broom corn and sorghum cane do not promise more than one-third of an average yield per acre. Tobacco is backward, having suffered from the drouth. Pastures have seldom been in poorer condition than at this time, the grass is dry enough to burn. Irish and sweet potatoes will not make to exceed one-third of an average yield per acre. Field beans and peas do not promise more than half a crop. There will be a very light crop of apples and the crop is exceedingly poor. Live stock are in fair condition.

FORD—The prospect for corn has seldom been as discouraging as this season. There has been little or no rain during the past two months, and with the most favorable conditions till fall, but little over a third of an average yield per acre may be expected. Winter wheat yielded eight bushels, rye fourteen; spring wheat ten; barley eight and oats twenty bushels per acre. The quality of small grain of all kinds is below the average. Broom corn and sorghum cane have made fair growth. Meadows did not yield to exceed one-half a ton per acre. The quality of the hay is not good. Pastures have seldom been in poorer condition than at this time. Irish and sweet potatoes will not yield to exceed one-third of a crop. There is but little fruit of any kind. Apples have fallen prematurely from the trees. Live stock of all kinds is in good health, but owing to the lack of pasturage, farmers are compelled to feed them fodder and hay.

FRANKLIN—The condition of the growing crop of corn is not encouraging for more than one half an average yield per acre. The drouth and chinch-bug have in many localities nearly ruined the growing crop. The average yield of winter wheat per acre (five bushels) is the smallest yield ever known in this county. Winter rye yielded eight bushels and oats thirty-eight bushels per acre. Meadows will not make more than three-fourths of a ton of good hay per acre. Sorghum cane is in poor condition. Owing to the drouth, the tobacco crop will be cut short one-half. Castor beans have made fair growth. Pastures are in poor condition. Irish and sweet potatoes promise about three-fourths of an average yield per acre. Buckwheat is doing well. Turnips and other root crops promise a large yield. The yield of field beans, and peas will not exceed fifty per cent. of an average. There is a fair crop of late fruits of all kinds. Live stock are in remarkably good condition considering the drouth.

FULTON—The prospect for corn is encouraging for about three-fourths of an average yield per acre. Winter wheat yielded twenty-four bushels, rye sixteen, spring wheat ten and oats forty two bushels per acre. Nearly all of the small grain has been threshed. The quality is very good. Meadows did not yield more than one ton of good hay per acre. Pastures are in good condition, there having been but little rain during the past six weeks. Irish and sweet potatoes promise but little over a half crop. Buckwheat has not made the usual growth during the past month. Field beans will make a fair yield. Sorghum cane has made good growth. There will be but little fruit of any kind. The condition of cattle and horses is good.

GALLATIN—The growing corn is in very fair condition and nearly an average yield



per acre may be expected. Winter wheat yielded eleven bushels and oats twenty-seven bushels per acre. The grain is somewhat shriveled, owing to the drouth. The yield of hay did not average more than one ton per acre. Pastures are suffering for want of rain. Sorghum cane has made very fair growth. Irish potatoes promise about two-thirds of an average yield per acre, and sweet potatoes a full average yield per acre. There will be about four-fifths of an average yield per acre of field beans. The yield of apples is fair except the winter varieties. Peaches will make three-fourths of a crop. Plums and pears about an average yield. Live stock is doing well.

**GREENE**—During the past month the prospect for an average yield per acre has gradually diminished until not more than three-fourths of an average yield may be expected. Winter wheat yielded twenty-four bushels; rye twelve and oats thirty-eight bushels per acre. The quality of small grain is fully up to the average. It has not rained since harvest and much more threshing has been done than usual at this date. Farmers are taking better care of their straw for feed for stock the most of which has been stacked in fine condition. Sorghum cane promises nearly an average yield per acre. There is but little pasturage of any description owing to the drouth. Irish and sweet potatoes will not yield to exceed two-thirds of an average yield per acre. There is but little fruit. The quality unusually poor. Wheat promises a fair crop. There is some complaint of distemper among horses, with this exception health and condition of live stock is good.

**GRUNDY**—The prospect for corn is more discouraging than any year of the past six. The yield will not under the most favorable conditions exceed one-third of an average. Winter wheat yielded twenty bushels; rye fifteen; spring wheat ten and oats twenty-seven bushels per acre. The quality is very good. Meadows did not yield more than three-fourths of a ton of hay per acre. Sorghum cane does not promise more than three-fourths of an average yield per acre. Pastures are entirely worthless. Irish and sweet potatoes will not yield one-fourth of a crop. There is but little fruit of any description. The dry weather has caused apples to prematurely fall. Live stock is in good condition.

**HAMILTON**—Corn has been damaged by the drouth and chinch-bug and the prospect is not encouraging for more than two-thirds of an average yield per acre. Winter wheat was almost an entire failure, the yield will not exceed three bushels; rye five bushels and oats twenty bushels. Meadows yielded about one and a half tons of good hay per acre. Broom corn and sorghum cane has made but little growth during the past month. Tobacco has been injured somewhat by the drouth. Pastures afford but little nourishment for stock. Irish and sweet potatoes will make nearly an average yield per acre. Buckwheat is doing well. Turnips and other root crops promise a full average yield per acre. Field beans and peas will yield about three-fourths of an average crop. There is a fair yield of all kinds of fruit. Live stock is in good condition and health.

**HANCOCK**—Corn has been but little affected by the drouth up to this time, and the prospect is encouraging for nearly an

average yield per acre. Winter wheat yielded twenty-four bushels; rye fifteen bushels; spring wheat sixteen bushels; barley twenty-five bushels and oats twenty-nine bushels per acre. The yield of hay per acre did not average more than three-fourths of a ton. Sorghum cane has done well during the past month. Pastures are suffering for the want of rain. On the uplands they are worthless. Irish and sweet potatoes promise about three-fourths of an average yield per acre. Buckwheat is making fine growth. Turnips and other root crops are doing well. With the exception of grapes the fruit crop is the lightest of any for years past. Live stock generally is in good condition and health.

**HARDIN**—The prospect for an average yield per acre of corn is good. Vegetation has suffered but little from the drouth in this county. Winter wheat made an average yield of twelve bushels; rye sixteen and oats twenty-six bushels per acre. Meadows yielded about one ton and a half per acre. Sorghum cane has done well. The prospect is good for a tobacco crop. Pastures are in good condition, even better than usual for this season of the year. Irish and sweet potatoes promise a full average yield per acre. The fruit crop is not as good as that of last season. The condition of live stock is good.

**HENDERSON**—The prospect for an average yield of corn per acre is the poorest of any season in the last five years, with the exception of 1885; but little over half an average yield per acre can be expected. Winter wheat yielded twenty-five bushels; rye fifteen; spring wheat seventeen and oats twenty-one bushels per acre. The quality of small grain was never better. Meadows made about three-fourths of a ton of good hay per acre. Sorghum cane does not promise more than half an average yield per acre. Pastures are in poorer condition than ever known before in this county. Farmers are feeding their stock fodder and hay. Irish potatoes will not exceed one-third of an average yield per acre. Sweet potatoes will make about three-fourths of a crop. Live stock of all kinds is beginning to show the effects of the dry weather. Pasturage is short and the heat intolerable. There is a fair crop of apples and grapes.

**HENRY**—The condition of corn is about the same as on the first of July and the prospect is not encouraging for more than two-thirds of an average yield per acre. Winter wheat yielded twelve bushels; rye sixteen; spring wheat fifteen; barley fifteen and oats twenty bushels per acre. Broom corn and sorghum cane promise a little over one-half an average yield per acre. The castor bean crop is nearly a failure. Pasturage is an entire failure. A large number of cattle have been sold to western buyers at reduced prices owing to the scarcity of feed. Irish and sweet potatoes will not make more than one-third of an average yield per acre. Field beans and peas about one-half an average crop. There is but little fruit of any description. Farm animals are healthy but are rather thin, owing to the scarcity of pasturage.

**IROQUOIS**—Most of the growing corn crop was planted early and has not been seriously injured by the present drouth. The prospect is encouraging for over four-fifths of an average yield per acre. Winter wheat yielded nineteen bushels; rye seventeen; spring



wheat fifteen and oats twenty-seven bushels per acre. Sorghum cane promises nearly an average yield per acre. Meadows yielded about three-fourths of a ton of good hay per acre. Pasturage is very short, the grass has the appearance of being dead. Irish potatoes will not make half a crop. Sweet potatoes are doing well. Turnips and other root crops have made but little growth. Field peas and beans promise about two-thirds of an average yield per acre. There is little or no fruit of any description, except grapes, which will yield about half a crop. Cattle are somewhat reduced in flesh owing to the short pasturage, but are in much better condition than could be expected from the dried up appearance of vegetation.

**JACK-ON**—The growing corn crop is in very fair condition and the prospect is encouraging for a full average yield per acre. The rains about the first of July checked the ravages of the chinch-bug which were at the time threatening the corn. Winter wheat yielded twelve bushels and oats forty bushels per acre. Meadows averaged two tons of good hay per acre. Broom corn and sorghum cane promise nearly an average yield per acre. Castor beans are doing well. Pastures are in very good condition. Irish and sweet potatoes promise an average crop. The fruit crop is the best for several years past. The condition of farm animals is good.

**JASPER**—The prospect for a corn crop has seldom been as discouraging as this season. Under the most favorable conditions not more than one-third of an average yield is expected. Winter wheat yielded nine bushels; rye eleven and oats twenty bushels per acre. Meadows did not make more than one-half a ton per acre. Broom corn and sorghum cane will not make to exceed one-third of a crop. Tobacco has not done well, owing to the drouth. Pastures are nearly ruined for want of rain. Irish and sweet potatoes are nearly a failure. Buckwheat has made but little growth. There is very little fruit of any kind. Live stock is in fair condition. Water for stock is getting scarce.

**JEFFERSON**—Corn has suffered more from chinch-bugs than the drouth, and the prospect is not good at this time for more than half an average yield per acre. Winter wheat was nearly a failure. The yield did not exceed four bushels. Winter rye yielded ten bushels and oats thirty-two bushels per acre. Meadows yielded about a ton and a quarter of good hay per acre. Broom corn and sorghum cane do not promise more than half an average yield per acre. Pasturage is very short and water scarce. Irish and sweet potatoes will make about two-thirds of an average crop. Buckwheat, turnips and other root crops are suffering for rain. Field beans and peas will not make but little over half a crop. The fruit prospect is fair. The condition of farm animals is much better than could reasonably be expected, the long continued drouth being taken into consideration.

**JERSEY**—The early corn is in very fair condition. The late is suffering from the drouth and the prospect on the whole is good for about three-fourths of an average yield per acre. Winter wheat yielded twenty-two and oats thirty-two bushels per acre. The quality of both crops is good. Meadows yielded a ton and a half of good hay per acre. Sorghum cane promises nearly an average

yield. Irish and sweet potatoes have done well and will make nearly an average crop. Buckwheat is suffering for want of rain. Turnips and other root crops are doing well. The fruit crop is but little better than a failure. Pastures are in very poor condition and many farmers are compelled to feed their stock hay and corn.

**JO DAVIESS**—The early corn will make a fair yield but the late corn has been greatly injured by the drouth. The prospect is not encouraging for more than three-fourths of an average yield per acre. Winter wheat yielded sixteen bushels; rye sixteen; spring wheat twelve; barley seventeen, and oats twenty-six bushels per acre. The quality of small grain of all kinds is good. Meadows yielded a very light crop of hay, much of it hardly worth cutting. Pastures were never known to be in as poor condition as at this time. Many farmers are selling off their cattle at reduced prices, owing to the scarcity of feed. Tobacco has made fair growth. Irish potatoes will not yield half a crop. Buckwheat is doing well. There is very little fruit in this county. Farm animals of all kinds are beginning to show the effect of the drouth on pasturage.

**JOHNSON**—The growing corn is damaged at least twenty-five per cent. by the chinch-bug and drouth. There has not been a good rain during the past two months. The prospect is not encouraging for more than three-fourths of an average yield per acre. There has been but little threshing done, as yet, in this county. Winter wheat yielded ten bushels; rye twelve, and oats twenty-three bushels per acre. Meadows did not yield more than one ton of good hay per acre. Broom corn and sorghum cane are in fair condition. Tobacco has made good growth during the past month. Castor beans will yield a fair average crop. Pastures are suffering for want of rain and grass has the appearance of being dead. Irish and sweet potatoes will make about three-fourths of an average yield per acre. Buckwheat, turnips and other root crops are doing well. The fruit crop is about three-fourths of an average.

**KANE**—Corn planted in April or the first of May is in the milk and most of the stalks have ears on them. But late corn has suffered from the drouth, and under the most favorable conditions will not make two-thirds of an average yield per acre. Winter wheat yielded twenty-one bushels; rye and spring wheat fifteen; barley twelve, and oats eighteen bushels per acre. The yield of timothy meadows did not exceed one-fourth of a ton per acre. Some meadows were not cut at all but were used as pasturage. Clover meadows yielded from a half to a ton per acre. Pastures are all dried up and much of the grass is dead. Irish potatoes will not yield to exceed one-fourth of an average crop per acre. Buckwheat has made but little growth, owing to the drouth. There is but little fruit of any kind. Apples are shrivled and dropping off the trees. Cattle are showing the effects of the drouth on the pastures. Many farmers are cutting up corn for their cows and others are using mill feed.

**KANKAKEE**—Owing to the drouth much of the corn is not earing good, and the prospect is not encouraging for more than two-thirds of an average yield per acre, with the most favorable conditions from now till fall.



Winter wheat yielded twenty-one bushels; rye eighteen; spring wheat fourteen; barley thirty and oats twenty-eight bushels per acre. Meadows did not yield on an average to exceed one-half ton per acre. And hay was not of good quality. Pastures have seldom been in poorer condition than at this time. Sorghum cane promises about two-thirds of an average yield per acre. Irish potatoes will not yield more than a third of a crop. Buckwheat is in very fair condition considering the drouth. There is very little fruit of any kind. Apples are falling prematurely from the tree. Farm animals are in good condition.

**KENDALL**—The prospect for corn is not encouraging for more than half an average yield per acre, with the most favorable conditions until fall. Much of the growing crop is too badly injured by the drouth to be benefited now by a rain. The corn grown on high lands is in much better condition than any other. Winter wheat yielded fourteen bushels; rye fifteen, spring wheat ten and oats seventeen bushels per acre. Meadows were very light, some not worth cutting. Many farmers turned their stock on meadow lands on account of the shortage of pasture and unless there is rain soon it will be close work for the cattle to pull through the winter. Irish potatoes will not make more than half a crop. Buckwheat has made but little growth. The fruit crop is but little better than a failure. The condition of the farm animals is very good when the long continued drouth is taken into consideration.

**KNOX**—The prospect for corn is not encouraging for more than two-thirds of an average yield per acre. In some portions of the county the growing crop is dying for the want of rain. The ear is not well filled. Winter wheat yielded eighteen bushels; rye and wheat fifteen and oats thirty bushels per acre. Broom corn has made very fair growth during the past month. Meadows did not yield to exceed one-half a ton of hay per acre. Pastures were never in poorer condition than at present. Many farmers are feeding their stock on fodder. The recent rains have been of a great benefit to fall pasturage. Irish potatoes will not yield to exceed two-thirds of a crop. Buckwheat has made but little growth. Turnips and other root crops are in fair condition. Field beans promise three-fourths of an average yield per acre. The apple crop is almost a failure. In some localities grapes will yield a full crop.

**LAKE**—The corn crop will be more than fifty per cent. short of an average at husking time. The drouth has been the most severe of any in the last twenty years, in this locality. Winter wheat yielded twenty bushels; winter rye and spring wheat fifteen and oats twenty five bushels per acre. Meadows did not yield to exceed three-fourths of a ton of good hay per acre. Many meadows are not worth cutting. Broom corn and sorghum cane will not make an average crop. Pastures are entirely dead and farmers are feeding their stock corn, fodder and hay. Irish potatoes will not yield to exceed one-third of a crop. Buckwheat, turnips and other root crops are suffering for rain and have made but little growth during the month. Farm animals are not in the usual condition for August 1, owing to the short pasturage.

**LASALLE**—It is not possible for the growing corn to make half of an average yield

per acre. The drouth and insects have damaged it very much since July 1. Winter wheat yielded eighteen bushels; rye fourteen; spring wheat twenty, and oats twenty-seven bushels per acre. The yield per acre of hay (one-quarter of a ton) is the smallest ever known in this county. Pastures are dead and most farmers are feeding their stock green corn and hay. Broom corn and sorghum cane are in fair condition. Irish potatoes will not exceed one-third of an average yield per acre. Sweet potatoes about two-thirds of an average yield. Field beans and peas, turnips and other root crops will not make more than half of an average yield. There is very little fruit of any kind. Cattle are thin for want of pasture. Water is getting scarce, there having been no rain since July 2.

**LAWRENCE**—The prospect is not encouraging for more than two-thirds of an average yield of corn. The early corn will be very light owing to the drouth. But a good rain would greatly benefit the late corn. Winter wheat yielded nine bushels, and oats twenty-eight bushels per acre. The average yield of hay is one and a quarter tons per acre. Broom corn and sorghum cane have made very fair growth. Pastures are very short and suffering for rain. Irish and sweet potatoes will make about four-fifths of an average yield per acre. Buckwheat is doing well. Turnips and other root crops are making fair growth. There is about a half crop of apples, and but few peaches and plums. The quality of fruit is not very good. Cattle are thin in flesh but are free from disease.

**LEE**—Corn is in very fair condition considering the drouth and the prospect is encouraging for more than four-fifths of an average yield per acre. Winter wheat yielded fifteen bushels; rye fifteen; spring wheat seventeen; barley twenty-five, and oats thirty bushels per acre. Meadows did not yield to exceed three-fourths of a ton per acre. The quality of hay is very good. Sorghum cane will make a full average yield per acre. Pastures are dead and bare. Cattle have to be fed on hay and corn. Irish potatoes will not make more than one-third of a crop. Sweet potatoes not more than three-fourths of an average yield per acre. Buckwheat has made but little growth. Field beans and peas promise but little over half a crop. There is very little fruit of any kind. Farm animals are not up to the average condition for August 1, except where fed on hay and grain.

**LIVINGSTON**—The drouth has injured the growing corn until at this time not more than a half of an average yield per acre is expected. Winter wheat yielded twenty bushels; rye fourteen; spring wheat seventeen, and oats twenty-seven bushels per acre. Broom corn will not make more than three-fourths of an average yield per acre. Sorghum cane less than fifty per cent. of an average. Meadows yielded about a half a ton of hay per acre; the quality good. Pastures were never in poorer condition than at this time. Irish potatoes will not make one-fourth of a crop. Sweet potatoes promise but little better. Buckwheat has made but little growth during the past month, suffering for rain. Field beans and peas will make about two-thirds of an average yield per acre. There are few apples, but little of any other variety of fruit. The condition of farm animals is good considering the shortness of pasturage. Most farmers are feeding their cows.



**LOGAN**—The prospect for corn is not encouraging for more than two-thirds of an average yield per acre. In some localities where there have been local rains the yield will be an average, but in less favored localities the yield will be less than fifty per cent. of an average. Winter wheat yielded twenty-two bushels; rye seventeen; spring wheat twenty and oats thirty-nine bushels per acre. The quality of all small grain was good. About one-half the threshing has been done. The yield of hay did not exceed three-fourths of a ton per acre. Pastures are in very poor condition. Sorghum cane has done well during the past month, not having suffered as yet from the drouth. Irish potatoes will make one-fourth of an average yield; sweet potatoes about two-thirds of an average yield per acre. Buckwheat has done well since seeding. Field beans will yield about two-thirds of an average per acre. There is very little fruit of any kind except grapes. Farm animals are not in good condition owing to drouth.

**MACON**—Corn is being cut short by drouth. Some pieces on low land look fairly well, but the general prospect is unpromising and not more than half an average yield per acre is expected. Wheat was good both in yield and in quality. It was probably the best crop on the farm this season. Some pieces have yielded as high as thirty-five bushels and the average per acre will reach twenty-two bushels. Winter rye yielded eighteen bushels; spring wheat fifteen and oats thirty-eight bushels per acre. Sorghum cane does not promise more than two-thirds of an average yield per acre. Pastures are very poor, almost entirely burnt up. Irish and sweet potatoes will make less than half a crop. Buckwheat has made but little growth since seeding. There is little or no fruit in this county. The outlook for stock raisers, owing to the drouth, is very discouraging. Many farmers are feeding their cattle hay and fodder, while others are disposing of them at reduced prices.

**MACOUPIN**—The corn crop is suffering severely from the drouth and the prospect is not encouraging for more than two-thirds of an average yield per acre. Winter wheat yielded twenty bushels; rye twenty and oats twenty-four bushels per acre. The quality of small grain is hardly up to the average, owing to the damage done by chinch-bugs. Broom corn and sorghum cane promise about two-thirds of an average yield per acre. Tobacco will not make more than half a crop. Castor beans about three-fourths of an average yield. Meadows yielded about a ton and a quarter per acre of very fair hay. Pastures are in poor condition and where overstocked in the spring are of no account whatever. Fruit of all kinds is of inferior quality and the yield very light. Water for stock is scarce and farm animals generally are below the average in condition for this season of the year.

**MADISON**—The growing corn crop will be short from fifteen to twenty-five per cent. on account of the chinch-bugs and drouth. Winter wheat yielded about fourteen and oats about twenty-eight bushels per acre. The quality of small grain is not quite up to the average. Broom corn and sorghum cane have done very well during the past month. Tobacco has made fine growth. There was an average crop of hay on low lands, in both yield and quality. On uplands the yield was light and quality poor. Pastures are almost

worthless for want of rain. Irish and sweet potatoes promise about three-fourths of an average yield per acre. Turnips and other root crops are doing well. There is little or no fruit of any description in the county. Farm animals are in fair condition and health.

**MARION**—The chinch-bug nearly ruined the wheat crop and after harvest damaged the corn fields to a considerable extent. The long continued drouth has greatly reduced the prospect for an average yield per acre of corn and under the most favorable circumstances till fall not one-third an average yield can be expected. Winter wheat yielded nine bushels; winter rye ten and oats twenty-four bushels per acre. Meadows did not yield to exceed three-fourths of a ton of hay per acre. Pastures are short but most of them were not overstocked and are doing better than could be expected during the drouth. Irish and sweet potatoes promise about three-fourths of an average yield per acre. Buckwheat has made but little growth during the past month. There will not be more than half a crop of field beans. There will be but few apples; quality poor. Very little of any other kind of fruit. Live stock is in good health and condition.

**MARSHALL**—During the past month the condition of corn has dropped from above an average to two-thirds of an average, for August 1. Winter wheat yielded eighteen bushels; rye fourteen, spring wheat seventeen; barley twenty-seven and oats forty-two bushels per acre. The quality of small grain is good. Owing to the continued dry weather a large portion of the harvested crops have been threshed from the shock. Timothy meadows were thin and short and yielded about two-thirds of an average per acre of hay. Clover meadows averaged about two tons per acre. Most pastures are entirely worthless and many farmers are feeding their stock on corn fodder. Broom corn and sorghum cane promise nearly an average yield per acre. Irish and sweet potatoes will not yield more than two-thirds of a crop. Buckwheat has made but little growth during the past month. Field beans will not yield to exceed half a crop. There is very little fruit of any description except apples and grapes, of which there will be a fair crop. Farm animals are in good condition.

**MASON**—There is a large amount of corn in this county almost entirely worthless, except for fodder, and under the most favorable circumstances until fall the yield will not exceed one-half a crop. Winter wheat will average twenty-two bushels; spring wheat and oats twenty-one bushels per acre. Meadows were very light and the yield did not exceed two-thirds of a ton per acre. Pastures are dried up and afford but very little nourishment for stock. Broom corn and sorghum cane promise only about four-fifths of an average yield per acre. The potato crop will be very short, less than fifty per cent. of an average yield. Buckwheat and turnips have made but little growth during the past month. Field beans and peas are nearly a failure, owing to the drouth. There is very little fruit of any description and the quality is very poor. Live stock is in fair condition and health.

**MASSAC**—The prospect for corn has seldom been as discouraging as this season. Under the most favorable circumstances until fall the yield will not exceed fifty per cent. of an



average. Winter wheat yielded fourteen and oats twenty-nine bushels per acre. Meadows yielded a ton and three-quarters of good hay per acre. The tobacco crop is nearly a failure. There will be about a half a crop of sorghum cane. Pastures are in poor condition and afford but little feed for stock. Irish and sweet potatoes have suffered for want of rain and not more than half an average yield is expected. Buckwheat is in fine condition. A large area of turnips have been seeded, owing to the failure of the corn crop. Field beans and peas have done well and promise nearly an average yield per acre. The fruit crop is fair and the quality is good. Live stock is in good condition.

MCDONOUGH—Corn is suffering for the want of rain but up to this time has not been as seriously damaged as in adjoining counties. The prospect is good for about two-thirds of an average yield per acre. Winter wheat yielded twenty-two bushels; rye nineteen; spring wheat fifteen and oats thirty-nine bushels per acre. The quality of all small grain is good. Meadows yielded a ton and a quarter of good hay per acre. Broom corn and sorghum cane promise about three-fourths of an average yield per acre. Pastures are poor and many farmers are feeding their stock on hay and fodder. Sweet and Irish potatoes will not yield to exceed half a crop. Buckwheat has made but little growth. There is very little fruit of any description and the quality is poor. Condition of farm animals is good.

MCHEMRY—Corn on the first of July gave promise of better than an average yield per acre, but the continued drouth during the past month has reduced the prospect to less than fifty per cent. of an average yield per acre. Winter wheat yielded twenty bushels; winter rye twenty-two; spring wheat eighteen; barley nineteen and oats twenty-five bushels per acre. The quality of small grain is good. Meadows yielded less than one-third of a ton per acre. Pastures are an entire failure, and farmers are feeding their stock hay and green corn. Broom corn and sorghum cane have made fair growth during the month. Hemp and tobacco are doing well. Irish potatoes will not yield more than one-third of a crop. Sweet potatoes will make an average yield per acre. Buckwheat is in fair condition. Field beans and peas have been seriously damaged by the drouth, and not more than half an average yield can be expected. There will be a few apples, but the quality is very poor. The condition of live stock is good, notwithstanding the short pasturage.

MCLEAN—The season is too far advanced for even an abundance of rain at this time to save the growing corn crop. The prospect is not good for even one-half an average yield per acre. Winter wheat yielded twenty-one bushels; rye seventeen; barley eighteen and oats forty-one bushels per acre. The yield of hay per acre will not average more than three-fourths of a ton. Pastures are an entire failure, and are as bare as in January. Farmers are feeding their stock on hay and fodder. Sorghum cane promises about four-fifths of an average per acre. Irish and sweet potatoes will not make to exceed one-fourth of an average yield per acre. Field beans are nearly a failure. There is very little fruit of any description. Farm animals are beginning to show the effects of short pasturage and scarcity of water.

MENARD—Corn is in very fair condition, considering the drouth. The prospect is good for about three-fourths of an average yield per acre. Sorghum cane is doing well. Meadows yielded about one ton of good hay per acre. Pastures are short, but where not overstocked afford a fair amount of feed for stock. Irish and sweet potatoes will yield but little over two-thirds of a crop. Winter wheat yielded twenty-three and oats forty-one bushels per acre. The quality of the grain is good. A large amount of threshing was done from the shock. The fruit crop is almost a failure. Live stock of all kinds is in fair condition for this season of the year.

MERCER—Corn has suffered very little up to this time from the drouth. The late corn will not be well filled unless there is a rain soon. The prospect is good however for four-fifths or better yield per acre. Winter wheat yielded twelve bushels; rye sixteen; spring wheat twelve and oats thirty bushels per acre. Meadows were very light, some of them not a sufficient height to mow. The yield per acre did not exceed one-half a ton. Pastures are dried up and farmers are feeding their stock on hay and corn fodder. Broom corn and sorghum cane will make nearly an average yield per acre. Irish and sweet potatoes will not yield more than half a crop. Buckwheat is making fair growth. Turnips and other root crops are doing well. There will be a light crop of fruit; the quality poor. Cattle are thin in flesh on account of the short pasturage; health good.

MONTGOMERY—The drouth and chinch bug have nearly ruined much of the growing corn. And with the most favorable conditions till fall but little over half a crop is expected. Winter wheat yielded seventeen bushels; rye sixteen; spring wheat fourteen and oats thirty-two bushels per acre. The latter crop was injured by the chinch-bug, and is below the average in quality. Meadows yielded about one ton of good hay per acre. Broom corn and sorghum cane do not promise more than two-thirds of a crop. Tobacco has made fair growth during the past month. Pastures are dead and farmers are feeding their cattle hay. Irish and sweet potatoes will not make to exceed two-thirds of an average yield per acre. Turnips and other root crops have made but little growth to date. Field beans and peas will make three-fourths of an average yield per acre. With the exception of grapes the fruit crop is nearly a failure. The condition of live stock is fair.

MORGAN—The prospect for corn at this time is encouraging for about three-fourths of an average yield per acre. Winter wheat yielded twenty-two bushels; rye nineteen; barley thirty-five and oats forty-two bushels per acre. The quality of grain is good. Sorghum cane will not make more than half a crop. Meadows yielded about a ton and a quarter of good hay per acre. Pastures are fully fifty per cent. below the average at this time of the year. Irish potatoes will yield about half a crop. Sweet potatoes are in much better condition. There is a light crop of apples and pears and the quality is inferior. There will be a fair crop of grapes. Cattle are in good condition considering the drouth.

MOULTRIE—The early corn promises about three-fourths of an average yield per acre. The late corn will not make more than



one-fourth of an average yield per acre. The season is too far advanced for the corn to be benefited much by rain now. Winter wheat will average about twenty-two bushels; rye twenty and oats thirty-eight bushels per acre. Meadows yielded a ton and a quarter of good hay per acre. Pastures are dead and affords but little feed for stock. Broom corn and sorghum cane promise three-fourths of an average yield per acre. Irish and sweet potatoes are nearly a failure; not more than one-third of an average yield per acre is expected. Turnips have made but little growth during the month. There will be about half a crop of apples and pears and three-fourths of grapes. The condition of farm animals is very good.

OGLE—Corn up to this time has suffered but little from drouth, and with rain soon the prospect is good for four-fifths of an average yield per acre. Winter wheat yielded seventeen bushels; rye fourteen; spring wheat fifteen; barley twenty-five and oats twenty-one bushels per acre. The quality of the small grain is good. About one-half the threshing of the harvested crop has been done from the shock. Broom corn is in very fair condition. Meadows did not yield to exceed one-half a ton per acre. Pastures are entirely burned up, and farmers are feeding their stock. Irish potatoes will not yield to exceed one-half an average crop. Sweet potatoes will make an average yield per acre. Buckwheat has made but little growth during the past month. Field beans and peas will not yield more than half a crop. There is no fruit worthy of mention. Farm animals are healthy, but generally thin, owing to the poor pasturage.

PEORIA—On July first there was a good prospect for an average yield per acre of corn, but the drouth of the past month has very seriously injured the growing crop, and not more than two-thirds of an average yield per acre is expected. Winter wheat will average twenty-one bushels; rye sixteen; spring wheat fourteen and oats thirty-three bushels per acre. The quality of small grain is good. A larger amount of threshing than usual has been done from the shock. Timothy meadows did not yield more than half a ton of hay per acre. The yield of clover was but little better. Sorghum cane will make nearly an average yield per acre. The condition of pastures is the poorest ever known in this county. Many farmers are feeding their stock. Irish and sweet potatoes will not yield one-half a crop. Field beans have not done well, owing to the drouth, and less than half an average crop is expected. The fruit crop is a failure. Farm animals are looking well, and in good health.

PERRY—Corn has suffered from drouth; many stalks failing to send out "shoots" or silks, and the prospect is not encouraging for more than two-thirds of an average yield per acre with the most favorable conditions until fall. Winter wheat will not average to exceed seven bushels; rye ten bushels and oats twenty-nine bushels per acre. The quality of the small grain was injured by the chinch-bug. Meadows yielded about one ton per acre of good hay. Pastures are in better condition than could be expected, taking into consideration the long drouth. Sorghum cane will yield about four-fifths of an average crop. Castor beans have made fair growth. Irish and sweet potatoes will yield two-thirds of an average crop. Turnips have made little or no growth since seeding. Field

beans will yield four-fifths of an average crop. Fruit of all kinds is poor in quality but the yield is fair. With the exception of a mild distemper among horses farm animals are in good health and condition.

PIATT—The present condition of corn is the most discouraging of any for the last five years on August 1. Not more than one-third of an average yield per acre is expected. Winter wheat will yield seventeen bushels; rye twenty and oats forty bushels per acre. The quality of small grain was never better. Broom corn and sorghum cane will not yield to exceed a half a crop. Meadows were very light and did not yield more than three-fourths of a ton of hay per acre. Pastures are in very poor condition and afford but little feed for stock. Many farmers are feeding their stock fodder and hay. Irish and sweet potatoes are but little better than a failure. The yield will not exceed one-fifth of a crop. With the exception of grapes there is very little fruit. Cattle are in fair condition considering the short pasture.

PIKE—The growing corn crop is fully two weeks in advance of last season. Up to the present time the drouth has done but little injury and nearly an average yield per acre may be expected. Winter wheat yielded twenty-two bushels; rye eighteen and oats thirty-six bushels per acre. Meadows yielded about one ton of good hay per acre. Broom corn and sorghum cane are in fair average condition for August 1. Irish and sweet potatoes promise about four-fifths of an average yield per acre. Turnips are doing well. Pasturage is short and there is but very little life in the grass. There are few apples and grapes, but little of other varieties of fruit. Cattle are in very fair condition and no disease among them.

POPE—The condition of corn is improving since the recent rains and the prospect at this time is encouraging for three-fourths of an average yield per acre. Winter wheat will not yield to exceed eight bushels; rye twenty and oats twenty-eight bushels per acre. Meadows yielded one and three-quarter tons of good hay per acre. Pastures are suffering for rain and afford but little nourishment for stock. Broom corn and sorghum cane will make nearly an average yield per acre. Tobacco has made splendid growth during the past month. Irish and sweet potatoes promise four-fifths of an average crop. Field beans and peas have done well. There is a very good crop of fruit of all kinds in both quality and quantity. Farm animals are in good condition.

PULASKI—Corn has suffered very seriously from the present drouth, and should there be an abundant rain at this time not more than two-thirds of an average yield could be expected. Broom corn and sorghum cane have made fair growth during the past month. Winter wheat will yield eighteen and oats twenty-nine bushels per acre. Meadows yielded a ton and a quarter of good hay per acre. Pastures are in very poor condition and need rain at this time. Tobacco has made very fair growth during the past month. Castor beans have done well. Irish potatoes will not yield half a crop. Sweet potatoes are in much better condition. Turnips are making good growth. Field peas and beans have been cut short by the drouth. There is a fair yield of every variety of fruit. Farm animals are in good condition.



**PUTNAM**—The corn crop is in a very critical condition. The pollen is dead and the shoots for ears not yet in the silk. The prospect is not good for more than half an average yield per acre under the most favorable circumstances till fall. Winter wheat will average sixteen bushels; rye sixteen; spring wheat fifteen and oats thirty-five bushels per acre. The quality of the grain has seldom been better. Meadows did not yield to exceed a half a ton per acre; there is little or no pasturage, except on bottom lands. Broom corn and sorghum cane will not yield half a crop. Irish potatoes will not yield more than one-fifth of a crop. Sweet potatoes about half an average yield per acre. There is about half a crop of apples and nearly an average crop of grapes. Farm animals show the effect of short pasturage and scarcity of water.

**RANDOLPH**—The prospect for corn is good for four-fifths of an average yield per acre. In some localities however there has been but little rain and the growing crop is suffering from the drouth. Winter wheat will average about nine bushels and oats forty-five bushels per acre. There has been very little threshing done to date. The grain is not of good quality. Meadows yielded a ton and a half of good hay per acre. Pastures are in poor condition and farmers are relying upon stubblefields for feed for stock. Broom corn and sorghum cane have made good growth. Tobacco is in fair average condition for this date. Castor beans have done well. Irish and sweet potatoes will yield a fair average yield per acre. Fruit of all kinds has been more or less affected by the drouth and is falling from the trees. Farm animals are in good condition.

**RICHLAND**—The condition of the growing corn is fifty per cent. below an average; that on low lands looks very well, but on high lands the drouth and chinch-bugs have nearly ruined the crop. Winter wheat and rye will not average more than eight bushels per acre. Broom corn and sorghum cane will not make more than half a crop. Meadows did not yield to exceed three-fourths of a ton per acre. Pastures furnish but little food for stock. Irish and sweet potatoes will make about two-thirds of an average yield per acre. Buckwheat is doing well. Turnips and other root crops have made the usual growth for July. Field beans promise about four-fifths of an average yield per acre. There is a partial fruit crop but the quality is very poor. Farm animals are in very fair condition.

**ROCK ISLAND**—Corn has suffered very little from the dry weather up to August 1, and should the conditions remain favorable until fall about four-fifths of an average yield per acre may be expected. Winter wheat averaged twenty-two bushels; rye thirteen; spring wheat fourteen; barley twenty and oats twenty-eight bushels per acre. There has been but little threshing done in this county. The quality of the grain is good. Sorghum cane promises a full average yield per acre. Meadows did not yield to exceed three-fourths of a ton of hay per acre. Pastures are suffering for rain at this time and stock are beginning to show the effects of the hot weather. Irish potatoes do not promise more than two-thirds of an average yield per acre. Sweet potatoes are in much better condition. Field

beans will yield three-fourths of an average crop. Fruit is very scarce and poor in quality. Live stock is a little thin in flesh but in good health.

**SALINE**—The growing corn crop has been injured by the drouth and chinch-bug, and but little over two-thirds of an average yield per acre may be expected. Winter wheat will average ten and oats twenty-seven bushels per acre. The quality of the grain is very good. There has been but little threshing done to date. Meadows yielded a ton and a half of good hay per acre. Pastures are in only fair condition for August 1. Tobacco will not make more than one-third of a crop. Sorghum cane promises about two-thirds of an average yield per acre. Irish and sweet potatoes will make about two-thirds of an average yield per acre. Buckwheat, turnips and other root crops have made the usual growth during the past month. The fruit crop is much better than last season in both quality and quantity. Live stock are in good condition.

**SANGAMON**—On July 1 there was every prospect for a full average yield per acre in corn, since which time there has been but little or no rain, and the growing crop has suffered very materially. Many stalks have no ears on them at all; are firing badly and will make at best but poor fodder for stock. The prospect is not flattering for more than two-thirds of an average yield per acre throughout the county. Winter wheat will average about twenty-four bushels per acre. The season has been favorable for harvest and a much larger amount has been threshed from the shock than usual. The quality of the grain is very good. Winter rye will average eighteen bushels. The average oats yield per acre will reach forty bushels. Clover and mixed timothy meadows yielded about a ton and a half per acre. Clear timothy not more than three-quarters of a ton. The hay crop was harvested in fine condition. Pasturage has seldom been in poorer condition than at this time. There has not been sufficient rain to keep vegetation of any kind growing. Broom corn and sorghum cane are in very fair condition considering the drouth and promise nearly an average yield per acre. Tobacco has been cut short by the drouth. Turnips and other root crops are doing well. Irish potatoes will make hardly half an average yield per acre; sweet potatoes are in much better condition. The present fruit crop is the poorest in yield and quality ever known in the county. Farm animals are in good health but are losing flesh owing to the short pasturage and dry weather. In many localities water is scarce.

**SCHUYLER**—The prospect is encouraging for nearly an average yield per acre of corn. The drouth up to this time has injured the corn but little. Winter wheat will average twenty-eight bushels; rye twenty and oats twenty-nine bushels per acre. Meadows were light but the quality of the hay excellent. The average yield did not exceed one ton per acre. Broom corn and sorghum cane have made fair growth during the past month. Pastures are very short and farmers have commenced to cut fodder to feed stock. Irish potatoes will yield about three-fourths of an average crop. Sweet potatoes nearly an average crop. Beans and peas have done well. There will be but little fruit of any description and the quality is exceedingly poor. Farm animals are doing well.



SCOTT—Corn has suffered from want of rain during the past month, and the prospect is not encouraging for more than three-fourths of an average yield per acre. Winter wheat will average twenty-four bushels and oats forty-seven. The quality of small grain of all kinds is good. Meadows yielded about one ton per acre of good hay. Pastures are very dry and bare, affording but little food for stock. Irish potatoes will not make more than half a crop. Sweet potatoes about three-fourths of an average yield per acre. There is very little fruit of any kind and the quality is very inferior. Live stock are in good condition.

SHELBY—There is but few counties in the State where the drouth has had such damaging effect upon the growing corn crop. In many localities the corn is almost entirely destroyed by drouth and chinch-bugs. Under the most favorable circumstances not one-third of an average yield of corn is expected. The winter wheat crop is the best of any season since 1880. The average yield is eighteen bushels. Rye twenty-two; barley twenty and oats twenty-seven bushels. The quality is very good, and a much larger proportion of the threshing has been done as usual for August 1. Meadows did not yield to exceed one ton of hay per acre. Pastures afford "standing room only." Farmers are feeding their stock on fodder. Broom corn and sorghum cane will not yield half a crop. Tobacco has been cut short by the drouth. Irish and sweet potatoes will make much less than half an average yield per acre. Buckwheat and turnips have made but little growth since seeding. Field beans and peas will not make half a crop. There is little or no fruit in this county. Owing to the continued drouth which set in the latter part of May live stock of all kinds have suffered more or less for food.

STARK—The prospect is encouraging for four-fifths of an average yield per acre of corn. Winter wheat will average fifteen bushels; rye seventeen; spring wheat sixteen; barley fifteen and oats thirty bushels per acre. The quality of small grain is fully up to the average. Meadows yielded about three-quarters of a ton of hay per acre. Pastures are nearly burned up. Water is scarce. Broom corn and sorghum cane will make nearly an average yield per acre. Irish and sweet potatoes will make but little over half a crop. Buckwheat and turnips are doing well. There is but a half a crop of apples and three-fourths of a crop of grapes. Farm animals are in fair condition. Many farmers are feeding their stock oats and green fodder.

ST. CLAIR—The growing corn has suffered considerably from the drouth and the prospect is not good for more than four-fifths of an average yield per acre. Winter wheat averaged sixteen bushels and oats thirty-one bushels per acre. Meadows yielded a ton and a half of very good hay per acre. Pastures are in very poor condition and farmers are feeding their stock on hay and corn. Irish and sweet potatoes will make about three-fourths of an average yield per acre. Field beans will yield a fair crop. There is about a half a crop of apples, pears and plums; quality very poor. Grapes will make a full average crop. Live stock is in remarkably good condition considering the drouth.

STEPHENSON—Owing to the drouth corn has not eared well, and the prospect is not good for more than three-fourths of an average yield per acre. Winter wheat and rye averaged fourteen bushels; spring wheat eleven; barley fourteen and oats eighteen bushels per acre. The quality of small grain is very fair. Broom corn and sorghum cane will make nearly an average crop. Meadows will not yield to exceed half a ton per acre. Many meadows were not worth cutting and stock was turned in on them. There is little or no pasturage and farmers are feeding their stock fodder and hay. The tobacco crop is but a little better than a failure. Irish and sweet potatoes will make about three-fourths of an average crop. Buckwheat and turnips have made fair growth since seeding. Field peas and beans have done well. The fruit crop is a failure, with the exception of grapes. Live stock is in fair health and condition.

TAZEWELL—The growing corn crop has suffered from the drouth to a considerable extent but is looking better than was expected. The prospect is good for about three-fourths of an average yield per acre. Winter wheat averaged twenty bushels; rye fifteen; spring wheat seventeen and oats twenty-nine bushels per acre. The quality is excellent. There has been but little threshing done to date. Meadows did not yield to exceed one-half ton per acre. Timothy pastures are also dried up. Clover pasture is in much better condition. Irish and sweet potatoes will not yield to exceed one-third of a crop. Turnips and other root crops have made but little growth. There is very little fruit of any kind except grapes, of which there is a partial crop. Live stock is looking well and free from disease.

UNION—Corn is firing badly and dying at the top. The prospect is good for about four-fifths of an average yield per acre. Winter wheat averaged sixteen bushels; rye twenty-one and oats twenty-three bushels per acre. Meadows yielded a ton and a quarter of very good hay per acre. Broom corn and sorghum cane will make about three-fourths of an average yield per acre. The drouth has about killed the grass and there is little or no pasture. Irish and sweet potatoes will yield about three-fourths of a crop. Turnips and other root crops are making fair growth. There is about three-fourths of a crop of apples, peaches and pears and nearly an average crop of grapes. Farm animals are doing well.

VERMILION—The prospect for an average yield of corn per acre is more discouraging than any season for the past six years. Much of the corn is putting out no shoots and will be good only for fodder. Under the most favorable conditions there will not be more than half an average yield per acre. Winter wheat averaged eighteen bushels; rye nineteen and oats forty-two bushels per acre. The quality of small grain was never better. Sorghum does not promise more than half a crop. Meadows averaged three-quarters of a ton of hay per acre. Pastures are dried up and are worthless for feed for stock. Irish and sweet potatoes will not make more than one-third of an average yield per acre. Turnips and other root crops are doing well. Field beans will yield about three-fourths of



an average crop. With the exception of grapes there is very little fruit. Farm animals are in only fair condition. Grass all dead and water getting scarce.

**WABASH**—Corn is doing well since the rains of the 20th of July. The prospect is good for more than four-fifths of average yield per acre. Wheat averaged about eleven and oats twenty-nine bushels per acre. Meadows yielded a ton and a half of very fair hay per acre. Broom corn is doing well. Sorghum cane has been injured by the drouth. There is great improvement in the pasturage since the recent rains. Irish and sweet potatoes will yield a fair crop. Turnips are making fair growth. There will be nearly an average yield per acre of field beans. Fruit of all kinds is very scarce and the quality is not very good. Farm animals are in very good condition.

**WARREN**—Some fields of growing corn are so badly fired that they would be little benefitted by rain at this time. The prospect is not good for more than two-thirds of an average yield per acre. Winter wheat averaged nineteen bushels; rye twenty; spring wheat fifteen and oats thirty-two bushels per acre. Meadows did not yield to exceed one-half a ton per acre and many of them not worth cutting. Pastures are in poor condition. The dry grass seems to be nutritious, however, and live stock is looking well. Irish potatoes will yield but little over half a crop. Sweet potatoes will make much better yield. Tobacco has done well. Buckwheat and turnips have made good growth during the past month. Field beans will make a full average crop. There is a fair prospect for apples, pears and grapes. The quality, however, is not up to the average.

**WASHINGTON**—Owing to the drouth and chinch-bugs the prospect for corn is not encouraging. Thousands of acres will not yield five bushels per acre, and the average crop for the county will not exceed one-third of an average yield. Winter wheat yielded eleven bushels; rye thirteen and oats thirty-nine bushels per acre. Meadows did not yield more than one ton per acre. Pastures are in poor condition but are improving since the recent rain. Sorghum cane will not make half a crop. Tobacco has made very fair growth. Castor beans will make two-thirds of an average yield. Irish and sweet potatoes will make four-fifths of an average yield per acre. Field beans and peas have suffered from the drouth and will not make to exceed a half a crop. There is about a half a crop of apples, and the peach crop is better than for several years past. There is an abundance of grapes.

**WAYNE**—The growing corn has been injured by the drouth and chinch-bugs; many fields entirely destroyed. The prospect up to harvest was never better, but at this time is not good for more than two-thirds of an average yield per acre under the most favorable conditions until fall. Winter wheat did not average more than six bushels; winter rye a failure, and oats twenty-eight bushels per acre. Timothy meadows were very good. Red top did not yield a half a crop. Pastures are in fair condition for this season of the

year and are improving since the recent rain. Broom corn and sorghum cane do not promise more than three-fourths of an average per acre. Tobacco has made fair growth during the past month. Irish and sweet potatoes will make nearly an average yield per acre. Buckwheat and turnips are doing well. About half a crop of fruit of all kinds grown in this latitude. There is some complaint of hog cholera in some sections of the county, but the disease is not general. Cattle are in good condition.

**WHITE**—Corn has been very seriously damaged by the drouth and chinch-bugs on high lands, that on bottom lands is in fine condition. The prospect is good for three-fourths of an average yield per acre. Winter wheat averaged seven bushels and oats thirty-eight bushels per acre. Meadows yielded a ton and a half of good hay per acre. Broom corn and sorghum cane have made fair growth and will make nearly an average yield per acre. Castor beans will make nearly three-fourths of an average crop. Irish and sweet potatoes have done well and nearly an average yield may be expected. Buckwheat and turnips are making good growth. Pastures are in poor condition, but are improving since the recent rain. There is a light crop of apples and more peaches than for several years past. The quality of the fruit is good. Pastures seem dry but the grass is nutritious and stock is in fine condition.

**WHITESIDE**—Corn has been damaged some by the drouth, but not seriously, and with favorable conditions until fall more than four-fifths of an average yield may be expected. Winter wheat will average twenty-one bushels; rye sixteen; spring wheat fifteen and oats twenty bushels per acre. The quality of small grain was damaged somewhat by the drouth. Sorghum cane will make nearly an average crop. Meadows did not yield more than a half a ton of good hay per acre. Pastures are in very poor condition, except on bottom lands. Irish potatoes will make less than one-third of an average yield. Sweet potatoes are doing well. Field beans promise an average crop. There is very little fruit of any description; quality poor. The condition of live stock is good.

**WILL**—During the past two weeks corn has seriously suffered from the drouth and extreme heat. The late planting is worthless except for fodder. The yield will not exceed one-half a crop. Winter wheat will average fourteen bushels; rye twelve; spring wheat thirteen; barley eighteen and oats twenty-two bushels per acre. The quality of small grain is very fair. Meadows did not yield to exceed one-half a ton per acre. Pastures are dried up and afford but little feed for stock. Many farmers are disposing of their stock cattle at reduced prices, owing to the scarcity of feed. Broom corn and sorghum cane will not make more than two-thirds of a crop. Irish and sweet potatoes will not make more than one-third of an average yield per acre. Field peas and beans have suffered for rain and the yield will be less than fifty per cent. of an average. There will be about a half a crop of apples and but little other fruit, except grapes. The condition of live stock is fair, considering the drouth.

**WILLIAMSON**—Corn will not make more than two-thirds of an average yield per acre under the most favorable conditions from now on till fall. Winter wheat will average eight bushels; rye twelve and oats thirty-three bushels per acre. Meadows yielded about a ton and a half of good hay per acre. Pastures are almost worthless. There has been but little rain to keep grass alive since the middle of June. Broom corn and sorghum cane promise about two-thirds of an average crop. Cotton will make but little over half a crop, owing to the drouth. Tobacco is in very poor condition. Irish and sweet potatoes will make three-fourths of an average yield per acre. Turnips are making fair growth. Field beans and peas have done well. Live stock are in good condition.

**WINNEBAGO**—The prospect for corn is not good for more than three-fourths of an average yield per acre. In many fields the plant is firing badly. Winter wheat will average seventeen bushels; rye and spring wheat thirteen; barley eleven and oats fifteen bushels per acre. The quality is about up to the average. Broom corn and sorghum cane promise three-fourths of an average crop. Timothy meadows were very light. Clover did not suffer as much as timothy from

the drouth and is a fair yield. Pastures are almost worthless and the grass appears dead. Many farmers are feeding their stock. Irish potatoes will not make one-half of an average yield per acre. Buckwheat and turnips have made but little growth. Field peas and beans will not make more than one-third of an average yield per acre. With the exception of grapes the fruit crop is a failure. Farm animals are growing thin on account of the lack of pasturage and scarcity of water.

**WOODFORD**—The growing corn crop has suffered for the want of rain during the past month. The prospect is not encouraging for more than two-thirds of an average yield per acre of corn. Winter wheat will average fifteen bushels; rye fifteen; spring wheat fourteen and oats thirty-six bushels per acre. The quality of all small grain was very good. Meadows yielded about three-fourths of a ton of good hay per acre. Broom corn and sorghum cane will yield about two-thirds of an average crop. Pastures are worthless. Farmers are feeding their stock on hay and fodder. Irish and sweet potatoes will not yield more than half a crop. There is but little fruit of any kind; the quality poor. Farm animals are doing well.



CONDITION OF CORN, AUGUST 1, 1887.

CROP REPORT.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.										
COUNTIES.	Av. condition August 1.					COUNTIES.	Av. condition August 1.					COUNTIES.	Av. condition August 1.							
	Av. cond'on						Av. cond'on						Av. cond'on							
	1887	1886	1885	1884	1883		1887	1886	1885	1884	1883		1887	1886	1885	1884	1883			
Boone.....	102	95	76	65	85	96	77	61	53	74	59	Alexander....	100	90	84	70	100	93	90	95
Bureau.....	99	108	38	87	92	87	83	53	82	95	62	Bond.....	99	83	26	81	97	94	81	92
Carroll.....	102	106	97	57	96	102	78	50	82	95	59	Clay.....	99	90	53	82	97	70	82	90
Cook.....	104	100	70	57	96	92	77	62	77	96	60	Clinton....	100	80	20	30	80	67	90	72
DeKalb.....	105	95	77	79	100	107	77	75	77	96	60	Crawford....	93	85	44	85	85	76	105	68
DuPage.....	109	75	70	80	100	92	70	75	54	84	35	Edwards.....	95	*89	44	110	77	110	80	80
Grundy.....	109	100	44	62	93	98	75	52	82	85	58	Effingham....	95	90	56	97	117	71	82	87
Henderson...	90	98	60	50	73	100	75	48	75	100	87	Fayette....	120	80	33	59	97	75	91	56
Henry.....	104	93	61	53	78	81	79	59	85	101	42	Frauklin.....	100	96	53	64	98	85	93	92
Iroquois....	111	106	82	99	105	104	85	73	91	90	59	Gallatin....	106	95	87	85	84	81	102	93
JoDavies...	100	97	75	52	100	92	91	82	82	97	56	Hamilton....	57	86	61	66	107	65	90	66
Kane.....	97	92	65	66	97	97	81	73	72	100	61	Hardin....	80	112	100	63	65	67	90	70
Kankakee..	105	106	62	88	99	100	72	35	71	84	59	Jackson....	100	80	100	25	75	110	87	100
Kendall.....	99	93	50	72	84	84	71	55	88	99	53	Jasper.....	94	75	32	77	100	75	75	72
Knox.....	109	97	69	73	88	112	88	46	78	91	23	Jefferson....	109	88	45	37	100	53	98	76
Lake.....	101	72	47	54	88	91	78	65	69	88	68	Johnson....	106	103	72	64	100	83	96	90
LaSalle.....	103	98	48	59	91	90	69	52	75	93	60	Lawrence....	93	95	65	93	97	85	106	65
Lee.....	102	105	92	68	92	100	78	72	75	97	52	Madison....	80	70	58	55	90	77	105	67
Livingston ..	110	104	52	75	87	93	75	57	81	99	60	Marion....	97	87	57	77	72	87	93	66
Marshall.....	100	102	63	58	87	99	81	57	92	80	62	Massac....	103	100	45	67	106	82	110	80
McHenry.....	108	102	40	68	96	104	92	75	86	97	82	Monroe....	90	95	*69	65	101	90	96	95
Mercer.....	107	112	80	56	90	100	87	68	68	88	42	Perry.....	100	90	66	28	90	84	84	64
Ogle.....	105	111	80	80	100	96	80	68	80	95	84	Pope.....	92	92	72	70	105	72	102	95
Peoria.....	101	100	67	57	70	98	84	51	84	101	58	Pulaski....	100	95	62	55	97	105	95	110
Putnam.....	106	102	47	54	88	100	80	98	80	92	61	Randolph..	105	100	50	90	92	86	97	87
Rock Island...	103	106	87	46	85	95	84	53	84	90	46	Richland..	100	100	50	90	92	56	94	98
Stark.....	107	106	81	82	99	101	92	70	92	95	45	Saline....	93	97	70	75	82	100	62	87
Stephenson...	104	106	72	64	100	100	92	64	84	102	52	St.Clair....	90	73	80	70	105	82	100	62
Warren.....	108	103	65	72	89	105	88	50	80	80	60	Union.....	100	*93	88	92	100	75	89	87
Whiteside....	92	92	80	42	102	75	75	62	95	106	55	Wabash....	91	77	85	93	99	70	91	70
Will.....	93	91	46	44	95	99	83	64	83	93	38	Washington...	95	81	44	28	96	72	98	105
Winnebago ..	105	103	75	57	107	105	91	59	91	85	65	Wayne.....	81	82	70	79	89	65	95	76
Woodford....	103	93	63	77	99	105	91	60	85	105	48	White.....	99	99	71	58	99	71	95	71
Average....	103	99	66	65	92	97	81	61	97	93	55	Williamson...	100	78	65	43	100	81	87	75
												Average...	97	89	62	66	95	79	94	81

\*Estimated.

WINTER WHEAT.

COUNTIES.	Acreage 1887 returned by Assessors.	Yield per acre in bushels	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of pro- duction per acre	Total cost of production.	Profit on crop.	Loss on crop.
Adams .....	79,586	22	1,750,892	\$0 65	\$1,138,080	\$10 85	\$863,508	\$274,572	✓
Alexander .....	+8,278	16	132,458	65	86 091	12 60	104,303		\$18,212 ✓
Bond .....	30,819	9	277,371	66	103,065	10 45	322,058		138,993 ✓
Boone .....	328	7	2,296	*69	1,584	11 40	3,739		2,155 ✓
Brown .....	28,527	26	741,702	62	459,855	10 60	302,386	157,469	✓
Bureau .....	1,781	14	24,934	65	16,207	10 00	17,810		1,602 ✓
Calhoun .....	18,220	20	364,400	64	233,216	13 00	236,860		3,644 ✓
Carroll.....	1,145	20	22,900	70	16,030	11 75	13,454	2,576	✓
Cass .....	23,869	21	501,249	63	315 787	11 25	268,526	47,261	✓
Champaign .....	21,876	17	371,892	65	241,730	11 25	246,105		4,375 ✓
Christian .....	63,578	18	1,144,404	64	732,418	10 95	696,179	36,239	✓
Clark .....	24,095	12	289,140	64	185,050	9 75	234,926		48,876 ✓
Clay .....	6,435	6	38,610	72	27,799	10 40	66,924		39,125 ✓
Clinton .....	63,254	15	948,810	68	645,191	11 45	724,258		79,067 ✓
Coles .....	+13,850	18	249,300	65	162,045	10 20	141,270	20,775	✓
Cook .....	169	12	2,028	65	1,318	10 50	1,774		456 ✓
Crawford .....	24,940	10	249,400	62	154,628	9 85	245,658		91,031 ✓
Cumberland.....	15,361	13	206,193	63	129,901	8 80	139,577		9,676 ✓
DeKalb.....	346	15	5,690	65	3,373	11 30	3,910		537 ✓
DeWitt .....	10,710	21	224,910	65	146,191	8 95	95,854	50,337	✓
Douglas .....	9,616	18	173,088	64	110,776	10 85	104,334	6,442	✓
DuPage .....	215	*15	3,225	*68	2,193	12 25	2,634		441 ✓
Edgar .....	41,706	19	792,414	63	499,221	9 30	387,866	111,355	✓
Edwards....	14,521	*8	116,168	*63	74,186	10 90	158,279		85,093 ✓
Effingham .....	22,639	12	259,668	66	171,381	10 65	230,455		59,074 ✓
Fayette.....	33,200	12	398,400	68	270,912	8 15	270,580	332	✓
Ford .....	237	8	1,896	*68	1,289	7 35	2,216		927 ✓
Franklin .....	12,323	5	61,615	65	40,050	8 25	101,665		61,615 ✓
Fulton .....	45,658	24	1,095,792	64	701,307	9 65	440,600	260,707	✓
Gallatin .....	19,919	11	219,109	62	139,847	10 15	202,178		62,331 ✓
Greene .....	53,599	24	1,286,376	66	849,008	11 25	602,989	246,019	✓
Grundy.....	704	20	14,080	60	8,448	10 70	7,533	915	✓
Hamilton.....	13,041	3	39,123	60	23,473	8 95	116,717		93,244 ✓
Hancock .....	35,659	24	856,936	63	539,870	11 40	406,855	133,015	✓
Hardin .....	8,198	12	98,376	65	63,944	9 65	79,111		15,167 ✓
Henderson .....	6,217	25	155,425	68	105,689	9 70	60,305	45,384	✓
Henry .....	602	12	7,224	65	4 696	12 10	7,284		2,588 ✓
Iroquois .....	3,358	19	63,802	*67	42,747	9 25	31,061	11,686	✓
Jackson .....	41,416	12	496,992	63	313,105	9 85	407,948		94,843 ✓
Jasper .....	13,974	9	125,766	70	88,036	6 80	95,023		6,987 ✓
Jefferson .....	17,159	4	68,656	67	45,989	9 65	165,584		119,589 ✓
Jersey .....	44,120	22	970,640	64	621,210	11 90	525,028	96,182	✓
JoDavieess .....	+1,174	16	18,784	*70	13,149	12 20	14 323		1,174 ✓
Johnson .....	16,966	10	169,660	61	103,493	7 50	127,245		23,752 ✓
Kane .....	+143	21	3,803	72	2,162	15 15	2,196		4 ✓
Kankakee .....	+1,132	21	23,772	69	16,403	10 05	11,377	5,026	✓
Kendall.....	+144	14	2,016	*67	1,351	12 05	1,735		384 ✓
Knox .....	5,674	18	102,132	72	73,535	11 30	64,116	9,419	✓
Lake .....	672	20	13,440	75	10,080	10 90	7,325	2,755	✓
LaSalle .....	+2,722	18	48,996	68	33,317	10 90	29,670	3,647	✓
Lawrence .....	28,610	9	257,490	63	162,219	12 70	363,347		201,128 ✓
Lee .....	+85	15	1,275	70	892	11 25	956		64 ✓



## WINTER WHEAT—Continued.

COUNTIES.	Acreage 1887 returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of pro- duction per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Livingston .....	1,635	20	32,700	70	22,890	11 25	18,394	4,496	.....
Logan .....	32,867	22	723,074	64	462,767	10 30	338,530	124,237	.....
Macon .....	18,681	22	410,982	67	275,358	9 85	184,008	91,350	.....
Macoupin .....	81,096	20	1,621,920	64	1,038,029	11 40	924,494	113,535	.....
Madison .....	112,504	14	1,575,056	66	1,039,537	11 65	1 310,672	.....	271,135 ✓
Marion .....	15,359	9	138,231	85	117,496	8 75	134,391	.....	16,895 ✓
Marshall .....	1,537	18	27,666	71	19,643	10 65	16,369	3,274	.....
Mason .....	28,141	22	619,102	62	383,843	10 00	281,410	102,433	.....
Massac .....	20,131	14	281,834	65	183,192	11 75	236,529	.....	43,347 ✓
McDonough .....	5,084	22	111,848	60	67,109	10 10	51,348	15,761	.....
McHenry .....	404	20	8,08	72	5,818	10 70	4,323	1,495	.....
McLean .....	5,506	21	115,626	67	77,469	10 40	57,262	20,207	.....
Menard .....	†26,160	23	601,680	62	373,042	10 30	269,448	103,593	.....
Mercer .....	†802	12	9,624	*68	6,544	10 20	8,180	.....	1,636 ✓
Monroe .....	62,046	*12	744,552	*66	491,404	13 95	865,542	.....	374,138 ✓
Montgomery .....	†55,798	17	948,566	65	616,568	9 90	552,400	64,168	.....
Morgan .....	41,130	22	904,860	65	588,159	11 50	472,995	115,164	.....
Moultrie .....	6,435	19	122,265	66	80,695	9 75	62,741	17,954	.....
Ogle .....	†2,110	17	35,870	67	24,033	10 45	22,049	1,984	.....
Peoria .....	8,397	21	276,337	71	125,199	11 00	92,367	32,832	.....
Perry .....	22,838	7	159,866	63	100,715	9 55	218,103	.....	117,388 ✓
Piatt .....	5,686	17	96,662	65	62,830	10 65	60,556	2,274	.....
Pike .....	91,186	22	2,006,092	62	1,243,777	12 95	1,180,859	62,918	.....
Pope .....	†13,522	8	108,176	63	68,151	9 25	125,078	.....	56,927 ✓
Pulaski .....	9,319	18	167,742	68	114,064	10 70	99,713	14,351	.....
Putnam .....	648	16	10,368	65	6,739	9 85	1,383	356	.....
Randolph .....	82,956	9	746,604	65	485,293	11 50	953,994	.....	468,701 ✓
Richland .....	28,232	8	225,856	65	146,806	9 95	280,908	.....	134,102 ✓
Rock Island .....	444	22	9,768	75	7,326	11 45	5,084	2,242	.....
Saline .....	†14,836	10	148,360	62	91,983	7 70	114,237	.....	22,254 ✓
Sangamon .....	46,670	24	1,120,080	66	739,253	11 60	541,372	197,881	.....
Schuyler .....	33,701	28	943,628	62	585,049	10 00	337,010	248,039	.....
Scott .....	12,536	24	300,864	64	192,553	11 20	140,403	52,150	.....
Shelby .....	41,009	18	738,162	63	467,042	10 95	349,048	5,994	.....
Stark .....	270	15	4,050	63	2,551	11 45	3,091	.....	540 ✓
St. Clair .....	120,664	15	1,809,960	69	1,248,872	14 25	1,719,462	.....	470,590 ✓
Stephenson .....	2,961	14	41,454	70	29,018	10 65	31,535	.....	2,517 ✓
Tazewell .....	31,527	20	630,540	63	397,240	10 83	342,068	55,172	.....
Union .....	29,000	16	464,000	65	301,600	*10 55	305,950	.....	4,350 ✓
Vermilion .....	31,234	18	562,212	66	371,060	10 15	317,025	54,035	.....
Wabash .....	23,290	11	256,190	60	153,714	10 05	234,064	.....	80,350 ✓
Warren .....	1,712	19	32,528	60	19,517	10 65	18,233	1,284	.....
Washington .....	82,332	11	905,652	66	597,730	9 65	794,504	.....	196,774 ✓
Wayne .....	†25,131	6	150,786	65	98,011	9 60	241,258	.....	143,247 ✓
White .....	37,598	7	263,186	61	160,553	9 25	347,781	.....	188,238 ✓
Whiteside .....	550	21	11,550	63	7,276	10 15	5,582	1,694	.....
Will .....	2,191	14	30,674	60	21,462	11 15	24,430	.....	2,958 ✓
Williamson .....	16,544	8	148,352	61	90,495	8 40	155,770	.....	65,275 ✓
Winnebago .....	608	17	10,251	65	6,663	10 75	6,482	181	.....
Woodford .....	5,322	25	133,050	*68	90,474	9 95	52,954	37,520	.....
Total or average.	2,274,435	16	36,939,924	0.65	\$23,917,146	\$10 90	\$24,783,984	\$3,070,688	\$3,937,526

\* Estimated.

† Estimated same as in 1886.

## SPRING WHEAT.

COUNTIES.	Acreage 1887 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams .....	733	*15	10,995	\$0 65	\$7,157	\$10 85	\$7,658		\$8.06
Alexander.....									
Bond.....									
Boone.....	2,079	13	27,027	60	12,216	11 40	23,801		11,405
Brown.....	1,207	*15	18 105	65	11,768	10 60	12,794		1,026
Bureau.....	11,389	15	170,836	65	111,043	10 00	113,890		2 847
Calhoun .....									
Carroll.....	6,092	14	85,288	80	59,702	11 75	71,581		11,879
Cass.....	113	*15	1,695	*65	1,102	11 25	1,171		169
Champaign.....	278	13	3,614	6	2,168	11 25	3,127		959
Christian .....	169	*15	2,535	*65	1,648	10 95	1,850		202
Clark.....									
Clay.....	35	*15	525	*65	341	10 40	364		.23
Clinton.....									
Coles.....									
Cook.....	2,590	11	28,490	65	18,518	10 50	27,195		8,677
Crawford.....									
Cumberland.....									
DeKalb.....	5,440	15	81,600	65	53,040	11 30	61,472		8,432
DeWitt.....	195	15	2,925	*65	1,901	8 95	1,745	\$156	
Douglas.....	70	*15	1,050	*65	682	10 85	759		.77
DuPage.....	1,752	20	35,040	70	24,528	12 25	21,462	3,066	
Edgar.....	123	*15	1,845	62	1,144	9 30	1,144		
Edwards .....	8	*15	120	*65	78	10 90	87		.9
Effingham.....									
Fayette.....									
Ford.....	154	10	1,540	*65	1,001	9 35	1,440		439
Franklin .....	12	*15	180	*65	117	8 25	99	18	
Fulton.....	1,222	10	12,220	50	6,110	9 65	11,792		5,682
Gallatin.....	48	*15	720	*.65	487	10 15	487		19
Greene.....	39	*15	585	*65	380	11 25	439		59
Grundy.....	379	10	3,790	*65	2,463	10 70	4,055		1,592
Hamilton.....	2	*15	30	*65	19	8 95	18	1	
Hancock.....	426	16	6,816	*65	4,430	11 40	4,856		426
Hardin.....									
Henderson .....	1,063	17	18,071	62	11,204	9 70	10,311	.893	
Henry.....	9,114	15	136,810	61	83,393	12 10	110,279		26,886
Illinois.....	408	15	6,120	*65	3,978	9 25	3,774	204	
Jackson.....									
Jasper.....	1,432	*15	21,480	*65	13,962	6 80	9,738	4,224	
Jefferson.....									
Jersey.....									
Jo Daviess .....	4,059	12	48,808	*65	31,660	12 20	49,520		17,860
Johnson.....									
Kane.....	†786	15	11,790	70	8,253	15 15	11,908		3,655
Kankakee.....	†139	14	1,946	*65	1,265	10 05	1,397		132
Kendall.....	†206	10	2,060	*65	1,339	12 05	2,482		1,143
Knox.....	2,181	15	32,715	62	20,283	11 30	24,945		4,362
Lake.....	3,682	15	55,230	75	41,422	10 90	40,134	1,288	
LaSalle.....	†4,892	20	97,840	60	58,704	10 90	53,323	5,381	
Lawrence.....									
Lee.....	†5,193	17	88,281	67	59,148	11 25	58,421	727	



## SPRING WHEAT—Continued.

COUNTIES.	Acreage 1887 re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	1,099	15	16,485	*0 65	\$10,715	\$11 25	\$12,364	.....	\$1,649
Logan.....	692	20	13,920	*65	9,048	10 30	7,169	\$1,879	.....
Macon.....	373	15	5,595	*65	3,637	9 85	3,674	.....	37
Macoupin.....	99	*15	1,485	*65	965	11 40	1,129	.....	164
Madison.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marion.....	56	*15	840	*65	546	8 75	490	56	.....
Marshall.....	1,353	17	23,001	71	16,431	10 65	14,409	1,922	.....
Mason.....	+106	20	2,120	50	1,060	10 00	1,060	.....	.....
Massac.....	397	*15	5,955	*65	3,881	11 75	4,665	.....	794
McDonough.....	610	15	9,159	55	5,032	10 10	6,161	.....	1,129
McHenry.....	5,482	18	98,676	72	71,047	10 70	58,657	12,390	.....
McLean.....	932	18	16,776	62	10,401	10 40	9,693	708	.....
Menard.....	.....	.....	.....	.....	.....	10 30	.....	.....	.....
Mercer.....	+2,807	12	33,684	60	23,579	10 20	28,931	.....	5,052
Monroe.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montgomery.....	+22	14	308	*65	200	9 90	218	.....	18
Morgan.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moultrie.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ogle.....	+3,408	15	51,120	60	30,672	10 45	35,914	.....	4,942
Peoria.....	275	14	3,850	*65	2,502	11 30	3,025	.....	523
Perry.....	53	*15	795	*65	517	9 55	506	11	.....
Piatt.....	232	*15	3,330	*65	2,164	10 65	2,364	.....	200
Pike.....	80	*15	1,200	*65	780	12 95	1,36	.....	256
Pope.....	+77	*15	1,155	*65	751	9 25	712	39	.....
Pulaski.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	1,890	15	28,350	*65	18,427	9 85	18,916	.....	189
Randolph.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Richland.....	26	*15	390	*65	253	9 95	259	.....	6
Rock Island.....	3,287	13	42,731	67	28,630	11 45	37,636	.....	9,06
Saline.....	+99	*15	1,485	*65	965	7 70	762	203	.....
Sangamon.....	210	*15	3,150	55	2,047	11 60	2,436	.....	389
Schuyler.....	362	*15	5,430	*65	3,529	10 00	3,620	.....	91
Scott.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shelby.....	43	*15	645	*65	419	10 95	471	.....	52
Stark.....	1,786	16	28,576	60	17,146	11 45	20,450	.....	3,304
St. Clair.....	28	*15	420	*65	273	14 25	399	.....	126
Stephenson.....	6,437	11	70,807	68	48,149	10 65	68,554	.....	20,406
Tazewell.....	1,014	17	17,238	61	10,515	10 85	11,002	.....	487
Union.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermilion.....	2,397	*15	35,955	*65	23,371	10 15	24,329	.....	953
Wabash.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren.....	1,264	15	18,960	60	11,376	10 65	13,462	.....	2,086
Washington.....	20	*15	300	*65	195	9 65	193	2	.....
Wayne.....	+1	*15	15	*65	10	9 60	10	.....	.....
White.....	5	*15	75	*65	49	9 25	46	3	.....
Whiteside.....	7,442	15	111,680	59	65,892	10 15	75,536	.....	9,674
Will.....	589	13	7,657	68	5,207	11 15	6,567	.....	1,360
Williamson.....	93	*15	1,395	*65	907	8 40	781	126	.....
Winnebago.....	5,781	13	36,153	66	23,861	10 75	29,896	.....	6,035
Woodford.....	1,231	14	17,234	*65	11,202	6 94	12,248	.....	1,046
Total or average.	116,862	15	1,736,562	\$0 65	\$1,122,836	\$10 35	\$1,268,363	\$33,297	\$178,824

\* Estimated.

† Estimated same as in 1886.

OATS.

COUNTIES.	Acreage, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop	Loss on crop.
Adams.....	36,749	42	1,543,458	\$0 20	\$308,692	\$9 90	\$363,815	....	\$55,123
Alexander.....	7789	28	22,092	27	5,955	8 35	6,588	.....	623
Bond.....	28,124	25	703,100	25	175,775	8 30	233,429	.....	57,654
Boone.....	27,088	18	487,584	25	121,896	10 90	295,259	.....	173,363
Brown.....	8,160	42	341,880	18	61,538	9 45	76,923	.....	15,385
Bureau.....	645,515	25	1,612,875	26	419,347	9 85	635,473	.....	216,126
Calhoun.....	3,258	25	81,450	*20	16,290	11 75	38,281	.....	11,991
Carroll.....	36,583	35	1,280,405	22	281,689	10 85	396,925	.....	115,236
Cass.....	15,644	40	625,760	22	137,667	10 40	152,698	.....	25,031
Champaign.....	100,316	40	4,012,640	24	963,034	10 10	1,013,192	.....	50,158
Christian.....	34,775	39	1,356,225	20	271,245	9 75	339,056	.....	67,811
Clark.....	17,114	27	462,078	21	97,036	7 45	127,499	.....	30,463
Clay.....	29,623	22	649,506	20	129,901	9 05	267,483	.....	137,282
Clinton.....	40,761	30	1,222,830	20	244,566	8 45	344,430	.....	99,864
Coles.....	17,752	36	639,072	22	140,596	9 25	164,206	.....	23,610
Cook.....	57,984	25	1,449,600	27	391,392	11 35	658,118	.....	266,726
Crawford.....	13,424	29	389,296	21	81,752	6 50	87,256	.....	5,504
Cumberland.....	14,250	30	427,500	21	89,755	7 80	111,150	.....	21,375
DeKalb.....	66,879	21	1,404,459	25	351,115	10 95	732,325	.....	381,210
DeWitt.....	41,164	41	1,687,724	25	421,931	9 20	378,709	\$43,222 ✓	.....
Douglas.....	24,077	34	818,618	21	171,910	8 60	207,062	.....	35,152
DuPage.....	38,088	25	952,200	25	238,050	11 60	441,821	.....	203,771
Edgar.....	22,715	35	795,025	19	151,055	8 50	193,077	.....	42,022
Edwards.....	10,439	*31	323,609	*21	67,958	9 20	96,039	.....	28,081
Effingham.....	38,354	27	1,035,558	20	207,112	8 85	339,433	.....	132,321
Fayette.....	43,440	27	1,172,880	21	246,305	7 40	321,456	.....	75,151
Ford.....	54,712	20	1,094,250	23	251,675	8 50	465,052	.....	213,377
Franklin.....	19,669	38	747,422	21	167,959	6 90	135,716	21,243 ✓	.....
Fulton.....	43,634	42	1,832,628	24	439,831	10 05	438,522	1,309 ✓	.....
Gallatin.....	2,680	27	72,360	*20	14,472	10 55	28,274	.....	13,802
Greene.....	11,649	38	442,282	21	92,879	11 75	136,758	.....	43,879
Grundy.....	40,817	27	1,102,059	25	275,515	10 80	440,824	.....	165,309
Hamilton.....	18,697	27	504,819	21	106,012	6 80	127,140	.....	21,128
Hancock.....	52,859	39	2,061,501	23	484,145	8 90	470,445	3,700 ✓	.....
Hardin.....	2,799	16	44,784	20	8,957	8 20	22,952	.....	13,995
Henderson.....	29,130	31	903,030	26	234,788	9 35	272,365	.....	37,577
Henry.....	80,052	20	1,601,040	24	384,250	12 60	1,008,655	.....	624,405
Iroquois.....	108,133	27	2,919,591	21	613,114	7 40	908,317	.....	295,203
Jackson.....	11,179	40	447,160	*22	98,375	9 25	103,407	.....	5,032
Jasper.....	29,698	20	593,960	21	124,732	6 50	193,037	.....	68,305
Jefferson.....	35,798	32	1,145,536	23	263,473	7 65	273,855	.....	10,382
Jersey.....	10,857	32	347,424	20	69,485	9 15	99,341	.....	29,856
JoDavies.....	38,354	26	997,204	30	299,161	10 60	406,552	.....	107,391
Johnson.....	5,898	23	135,654	22	29,844	6 65	39,222	.....	9,378
Kane.....	135,694	18	642,492	28	179,898	11 65	415,835	.....	235,937
Kankakee.....	148,892	28	1,340,976	25	335,244	9 25	423,001	.....	87,757
Kendall.....	137,928	17	644,776	26	167,742	11 15	422,897	.....	255,255
Knox.....	65,915	30	1,977,450	25	494,362	10 25	675,629	.....	181,267
Lake.....	29,332	25	733,300	30	219,990	10 25	300,653	.....	80,663
LaSalle.....	109,093	27	2,945,511	24	706,923	10 05	1,096,385	.....	389,462
Lawrence.....	12,333	28	245,324	23	79,424	9 25	114,080	.....	34,656
Lee.....	155,801	30	1,674,030	25	418,507	9 40	552,430	.....	133,928



## OATS—Continued.

COUNTIES.	Acreage, 1887, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	134,417	37	4,973,429	\$0 22	\$1,094,154	\$9 80	\$1,317,287	.....	\$223,133
Logan.....	54,857	39	2,139,423	23	492,067	9 45	518,399	.....	26,332
Macon.....	50,313	38	1,911,894	23	439,736	9 25	465,395	.....	25,659
Macoupin.....	34,519	34	1,173,646	20	234,729	9 05	312,397	.....	77,668
Madison.....	31,941	28	894,348	23	223,587	10 35	330,599	.....	107,002
Marion.....	39,729	24	953,496	23	219,304	6 95	276,116	.....	56,812
Marshall.....	43,377	42	1,821,834	25	455,458	11 65	505,342	.....	49,884
Mason.....	†21,757	21	456,897	24	109,655	8 95	194,725	.....	85,070
Massac.....	3,183	29	92,307	27	24,923	10 35	32,944	.....	8,021
McDonough.....	17,415	39	679,185	25	169,796	9 90	172,408	.....	2,612
McHenry.....	39,433	25	985,825	32	315,464	9 65	380,528	.....	65,064
McLean.....	129,689	41	5,317,249	25	1,329,312	9 60	1,245,014	\$84,298 ✓	.....
Menard.....	†11,500	41	471,500	23	107,445	9 85	113,275	.....	4,830
Mercer.....	†39,244	31	1,216,564	21	255,478	9 65	378,705	.....	123,227
Monroe.....	9,616	*35	336,560	*21	70,678	12 10	116,354	.....	45,676
Montgomery.....	43,048	32	1,377,536	20	275,507	7 80	335,774	.....	60,267
Morgan.....	19,965	42	838,530	20	167,706	10 80	215,622	.....	47,916
Moultrie.....	13,366	38	507,908	22	111,740	8 60	114,948	.....	3,208
Ogle.....	†71,851	21	1,508,871	22	331,952	9 85	708,832	.....	375,780
Peoria.....	45,936	33	1,515,888	27	409,290	11 15	512,186	.....	102,896
Perry.....	14,442	29	418,296	20	83,659	9 30	134,142	.....	50,484
Piatt.....	30,237	40	1,209,480	25	302,370	10 65	322,024	.....	19,654
Pike.....	21,357	36	768,852	20	153,770	12 75	272,302	.....	118,532
Pope.....	†7,577	28	212,156	18	38,188	7 20	54,554	.....	16,366
Pulaski.....	2,798	29	81,142	30	24,343	8 95	25,042	.....	699
Putnam.....	11,303	35	395,605	29	114,725	10 45	118,116	.....	3,391
Randolph.....	12,452	45	1,010,340	20	202,068	10 10	226,765	.....	24,697
Richland.....	25,202	31	781,262	21	164,065	8 30	209,177	.....	45,112
Rock Island.....	25,759	28	721,252	22	158,675	10 80	278,197	.....	119,522
Saline.....	†5,862	27	158,274	19	30,072	6 05	35,465	.....	5,393
Sangamon.....	42,467	38	1,613,746	21	338,887	10 10	428,917	.....	90,030
Schuyler.....	12,381	39	482,759	23	111,057	9 35	115,762	.....	4,705
Scott.....	2,230	47	105,092	23	24,171	10 00	22,360	1,811 ✓	.....
Shelby.....	38,784	27	1,047,168	19	198,962	10 15	393,658	.....	194,696
Stark.....	34,946	30	1,048,380	25	262,095	10 75	375,669	.....	113,574
St. Clair.....	31,771	31	984,901	22	216,678	11 70	371,721	.....	155,043
Stephenson.....	91,929	18	1,654,722	26	430,228	9 95	914,693	.....	484,465
Tazewell.....	52,642	29	1,526,618	26	396,921	10 00	526,420	.....	129,499
Union.....	6,880	33	227,040	30	68,112	*9 40	64,672	3,440 ✓	.....
Vermilion.....	54,010	42	2,268,420	20	453,684	9 05	488,730	.....	35,106
Wabash.....	8,046	29	233,334	21	49,000	8 55	68,793	.....	19,793
Warren.....	56,665	32	1,813,280	26	471,453	10 30	583,649	.....	112,196
Washington.....	39,680	29	1,150,720	21	241,651	8 00	317,440	.....	75,789
Wayne.....	†23,525	28	658,700	21	138,327	7 85	184,671	.....	46,344
White.....	13,196	38	501,448	20	100,290	7 20	95,011	5,279 ✓	.....
Whiteside.....	48,055	20	961,100	22	211,442	11 30	543,021	.....	331,579
Will.....	106,731	22	2,348,082	26	610,501	9 90	1,056,637	.....	446,136
Williamson.....	6,550	33	216,150	19	41,068	7 25	47,487	.....	6,419
Winnebago.....	56,758	15	851,370	26	221,356	10 10	573,256	.....	351,900
Woodford.....	71,944	36	2,589,984	23	595,696	10 80	776,995	.....	181,299
Total or average...	3,643,861	30	110,006,640	\$0.23	\$25,625,744	\$9.75	\$35,473,894	\$164,302	\$10,012,453

\* Estimated.

† Estimated same as in 1886.

## WINTER RYE.

COUNTIES.	Acreage, 1887, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams .....	1,267	20	25,340	\$0 40	\$10,136	\$9 35	\$11,846		\$1,710
Alexander .....	†64	*18	1,152	*60	691	11 10	710		19
Bond .....	185	10	1,850	*45	832	* 9 90	1,831		999
Boone .....	3,256	15	48,840	40	19,536	10 25	33,374		13,838
Brown .....	200	18	3,700	*41	1,476	10 05	2,010		534
Bureau .....	6,112	14	85,568	*40	34,227	9 90	60,509		26,282
Calhoun .....									
Carroll .....	9,410	14	131,740	* 42	54,331	11 45	107,744		52,413
Cass .....	671	16	11,056	41	4,533	10 10	6,979		2,446
Champaign .....	2,302	15	34,530	42	14,503	11 05	25,437		10,934
Christian .....	428	19	8,132	45	3,659	10 75	4,601		942
Clark .....	779	9	7,011	40	2,804	9 75	7,595		4,791
Clay .....	263	10	2,630	*42	1,105	10 75	2,827		1,722
Clinton .....	525	*11	5,775	*47	* 714	8 60	4,515		1,801
Coles .....	†257	12	3,084	40	1,234	8 95	2,300		1,066
Cook .....	1,302	15	19,530	45	8,788	11 00	14,322		5,534
Crawford .....	211	13	2,734	40	1,097	*9 90	2,089		992
Cumberland .....	369	12	4,428	47	2,081	8 85	3,266		1,185
DeKalb .....	4,628	15	69,420	38	26,380	10 85	50,214		23,834
DeWitt .....	1,024	22	22,528	42	9,462	9 55	9,779		317
Douglas .....	225	17	3,825	40	1,530	9 10	2,047		517
DuPage .....	3,833	20	76,660	40	30,664	12 05	46,188		15,524
Edgar .....	1,069	15	16,035	38	6,093	*9 90	10,583		4,490
Edwards .....	5	* 5	25	*47	12	*9 90	49		31
Effingham .....	493	11	5,523	38	2,099	9 15	4,511		2,412
Fayette .....	492	10	4,920	*43	2,116	7 35	3,616		1,500
Ford .....	2,195	14	30,730	37	11,370	7 90	17,340		5,970
Franklin .....	63	8	504	77	388	*9 90	624		230
Fulton .....	3,785	16	60,560	36	23,013	9 95	37,661		14,640
Gallatin .....	9	* 8	72	*60	43	9 40	85		42
Greene .....	187	12	2,244	*49	1,099	*9 90	1,851		752
Grundy .....	1,332	15	19,980	40	7,992	11 65	15,518		7,520
Hamilton .....	59	5	295	*77	227	6 70	395		160
Hancock .....	2,208	15	33,120	40	13,248	9 05	19,982		6,734
Hardin .....	38	16	608	*40	243	8 75	332		80
Henderson .....	5,547	15	83,205	37	30,786	9 55	52,974		22,186
Henry .....	10,371	16	165,936	38	63,056	11 90	123,415		60,359
Iroquois .....	4,634	17	78,778	39	30,723	8 35	38,594		7,971
Jackson .....	115	*12	1,380	*55	759	10 15	1,167		400
Jasper .....	507	11	5,577	40	2,231	7 15	3,625		1,394
Jefferson .....	229	10	2,290	*58	1,328	8 05	1,843		510
Jersey .....	33	*14	462	*48	222	*9 90	327		100
Jo Daviess .....	2,283	16	36,528	*44	16,072	9 90	22,602		6,530
Johnson .....	28	12	336	60	202	9 35	262		60
Kane .....	†3,675	15	55,125	45	24,806	12 30	45,202		20,390
Kankakee .....	†4,650	18	83,700	39	32,643	9 60	44,640		11,990
Kendall .....	†1,620	15	24,300	*43	10,449	11 95	19,359		8,910
Knox .....	4,156	15	62,340	38	23,689	10 15	42,183		18,494
Lake .....	695	15	10,425	60	6,255	10 45	7,263		1,000
LaSalle .....	†1,747	14	24,458	43	10,717	10 65	18,605		7,880
Lawrence .....	263	*10	2,630	*43	1,131	6 85	1,801		670
Lee .....	†7,123	15	106,845	40	42,738	9 70	69,093		26,350



## WINTER RYE—Continued.

COUNTIES.	Acreage, 1887, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston .....	2,341	14	32,774	\$0 40	\$13,110	\$10 25	\$23,995	.....	\$10,885
Logan .....	470	17	7,990	38	3,036	9 45	4,441	.....	1,405
Macon .....	274	18	4,932	*41	2,022	9 55	2,617	.....	595
Macoupin .....	234	20	4,680	53	2,480	*9 90	2,317	163 ✓	.....
Madison .....	182	*12	2,184	*47	1,026	12 95	2,357	.....	1,331
Marion .....	455	10	4,550	*46	2,093	6 70	3,048	.....	955
Marshall .....	682	14	9,548	40	3,819	11 45	7,809	.....	3,990
Mason .....	†1,123	*14	15,722	40	6,289	10 00	11,220	.....	4,941
Massac .....	40	*18	720	60	432	*9 90	396	36	.....
McDonough .....	1,112	19	21,128	40	8,451	10 15	11,287	.....	2,836
McHenry .....	2,096	22	46,112	50	23,056	9 00	18,864	4,192 ✓	.....
McLean .....	1,992	17	33,864	44	14,900	9 30	18,526	.....	3,626
Menard .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mercer .....	†4,671	16	74,736	38	28,400	9 90	46,243	.....	17,843
Monroe .....	135	*13	1,755	*47	825	12 40	1,671	.....	849
Montgomery .....	†879	16	14,064	45	6,329	8 50	7,471	.....	1,142
Morgan .....	†4,819	19	91,561	*44	40,287	10 15	41,913	.....	8,626
Moultrie .....	90	20	1,800	*42	756	8 20	738	18 ✓	.....
Ogle .....	†5,255	14	73,570	40	29,428	9 60	50,448	.....	21,020
Peoria .....	1,827	16	29,232	46	13,447	10 75	19,640	.....	6,193
Perry .....	136	10	1,360	50	680	10 65	1,448	.....	768
Piatt .....	172	20	3,440	*41	1,410	10 35	1,780	.....	370
Pike .....	828	18	14,904	*44	6,558	9 75	8,073	.....	1,515
Pope .....	†9	25	225	40	90	*9 90	89	1 ✓	.....
Pulaski .....	38	*16	608	*60	365	*9 90	376	.....	11
Putnam .....	749	16	11,984	40	4,794	9 70	7,265	.....	2,471
Randolph .....	165	*12	1,980	45	891	10 60	1,749	.....	858
Richland .....	650	8	5,200	47	2,444	7 30	4,810	.....	2,366
Rock Island .....	4,860	13	63,180	47	29,695	10 75	52,245	.....	22,550
Saline .....	†7	*10	70	*61	43	7 05	49	.....	6
Sangamon .....	613	18	11,034	40	4,414	9 50	5,823	.....	1,409
Schuyler .....	578	20	11,560	42	4,855	8 95	5,173	.....	318
Scott .....	145	*17	2,465	*45	1,109	16 30	1,495	.....	384
Shelby .....	889	22	19,558	45	8,801	10 35	9,201	.....	400
Stark .....	1,054	17	17,918	45	8,063	10 90	11,489	.....	3,426
St. Clair .....	223	*13	2,899	*48	1,391	*9 90	2,208	.....	817
Stephenson .....	16,091	14	225,274	47	105,879	10 15	163,324	.....	57,445
Tazewell .....	720	15	10,800	55	5,940	9 95	7,164	.....	1,224
Union .....	†64	21	1,344	*57	766	*9 90	634	132 ✓	.....
Vermilion .....	1,122	19	21,318	*40	8,527	9 15	10,266	.....	1,739
Wabash .....	9	*8	72	*46	33	*9 90	89	.....	56
Warren .....	2,328	20	46,560	38	17,693	10 10	13,513	.....	5,820
Washington .....	406	13	5,278	50	2,639	8 60	3,492	.....	853
Wayne .....	†81	3	243	*54	132	*9 90	802	.....	670
White .....	71	*4	284	*62	176	8 00	568	.....	392
Whiteside .....	18,335	16	277,360	39	108,170	11 00	190,685	.....	82,515
Will .....	5,688	12	68,256	50	34,128	10 15	57,733	.....	23,605
Williamson .....	26	12	312	50	156	*9 90	257	.....	101
Winnebago .....	12,623	13	164,099	50	81,049	10 00	126,230	.....	44,181
Woodford .....	1,057	20	21,140	*45	9,513	10 00	10,570	.....	1,057
Total or average .....	194,356	15	2,970,020	\$.42	\$1,250,123	\$10.25	\$1,996,397	\$4,542	\$750,816

\* Estimated.

† Estimated same as in 1886.

## BARLEY.

COUNTIES.	Acreage, 1887, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams.....	15	*20	300	\$.40	\$120	\$8.95	\$134		\$14
Alexander.....									
Bond.....									
Boone.....	4,809	17	81,753	.40	32,701	10.90	52,418		19,717
Brown.....									
Bureau.....	730	*22	16,060	.44	7,066	10.50	7,665		599
Calhoun.....									
Carroll.....	1,886	24	45,264	.38	17,500	10.15	19,143		1,643
Cass.....									
Champaign.....	100	*20	2,000	*.40	800	*10.55	1,055		255
Christian.....									
Clark.....									
Clay.....	16	*20	320	.21	67	*10.55	169		102
Clinton.....									
Coles.....	†1	*20	20	*.40	8	*10.55	10		2
Cook.....	479	*20	9,580	*.40	3,832	9.10	4,359		527
Crawford.....	29	*20	580	.21	122	*10.55	306		184
Cumberland.....									
DeKalb.....	1,895	15	28,425	.45	12,791	11.05	20,940		8,149
DeWitt.....	2	*20	40	.25	10	*10.55	21		11
Douglas.....									
DuPage.....	328	*20	6,560	*.40	2,624	12.30	4,034		1,410
Edgar.....	25	*20	500	.20	100	*10.55	264		164
Edwards.....									
Effingham.....									
Fayette.....	8	*20	160	*.40	64	*10.55	84		20
Ford.....	91	8	728	*.40	291	9.10	828		537
Franklin.....	2	*20	40	*.40	16	*10.55	21		5
Fulton.....	197	*20	3,940	*.40	1,576	*10.55	2,078		502
Gallatin.....									
Greene.....	7	*20	140	*.40	56	*10.55	74		18
Grundy.....	20	*20	400	*.40	160	12.85	257		97
Hamilton.....									
Hancock.....	51	25	1,275	.50	637	*10.55	539	99	
Hardin.....									
Henderson.....									
Henry.....	3,917	15	58,755	.34	19,977	13.25	51,900		31,923
Iroquois.....	91	*20	1,820	*.40	728	9.10	828		100
Jackson.....	57	*20	1,140	*.40	456	10.90	621		165
Jasper.....									
Jefferson.....	1	*20	20	*.40	8	*10.55	10		2
Jersey.....	14	*20	280	*.40	112	*10.55	148		36
JoDaviss.....	1,933	17	32,861	.45	14,787	9.60	18,557		3,770
Johnson.....									
Kane.....	†338	12	4,056	.50	2,028	12.00	4,056		2,028
Kankakee.....	†1	30	30	.23	7	10.95	11		4
Kendall.....	†30	*20	600	*.40	240	11.85	355		115
Knox.....	20	*20	400	*.40	160	11.70	234		74
Lake.....	2,123	*20	42,460	.60	25,476	10.45	22,185	3,291	
LaSalle.....	†231	*20	4,620	*.40	1,848	11.15	2,576		728
Lawrence.....									
Lee.....	†13	25	325	*.40	130	10.80	140		10



## BARLEY—Continued.

COUNTIES.	Acreage, 1887, returned by Assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Livingston	19	*20	380	*.40	152	*10.55	200		48
Logan	8	*20	160	*.40	64	12.05	96		32
Macon									
Macoupin									
Madison	165	*20	3,300	*.40	1,320	13.30	2,194		874
Marion									
Marshall	17	37	629	.48	302	*10.55	179	123	
Mason									
Massac									
McDonough									
McHenry	7,427	19	141,132	.57	80,445	7.20	53,282	27,163	
McLean	10	*20	200	.25	50	9.40	94		44
Menard									
Mercer	†300	*20	6,000	*.40	2,400	*10.55	3,165		765
Monroe	147	*20	2,940	*.40	1,176	11.70	1,720		544
Montgomery									
Morgan									
Moultrie									
Ogle									
Peoria	45	*20	900	*.40	360	*10.55	475		115
Perry	3	*20	60	*.40	24	*10.55	32		8
Piatt									
Pike	5	*20	100	*.40	40	*10.55	53		13
Pope	†1	*20	20	*.40	8	*10.55	10		2
Pulaski									
Putnam									
Randolph	61	*20	1,220	*.40	488	10.80	659		171
Richland	3	*20	60	*.40	24	*10.55	32		8
Rock Island	797	10	7,970	.55	4,383	11.85	9,444		5,061
Saline									
Sangamon	57	*20	1,140	*.40	456	*10.55	601		145
Schuyler	2	*20	40	*.40	16	8.15	16		
Scott									
Shelby	1	20	20	.45	9	*10.55	10		1
Stark	36	15	540	.45	243	11.30	407		164
St. Clair	487	*20	9,740	*.40	3,896	17.00	8,279		4,383
Stephenson	12,034	14	168,476	.37	62,336	10.50	126,357		64,021
Tazewell	105	*20	2,100	*.40	840	9.95	1,045		205
Union	†24	*20	480	*.40	192	*10.55	253		61
Vermilion	3	*20	60	*.40	24	*10.55	32		8
Wabash									
Warren	60	*20	1,200	*.40	480	10.65	639		159
Washington									
Wayne									
White									
Whiteside	307	*20	6,140	.40	2,556	10.20	3,131		575
Will	119	18	2,142	.58	1,242	9.60	1,142	100	
Williamson									
Winnebago	4,834	11	53,174	.55	29,246	9.15	44,231		14,935
Woodford	108	*20	2,160	*.40	864	9.70	1,048		184
Total or average	46,646	16	757,935	\$0.45	\$340,134	\$10.20	\$474,845	\$30,776	\$165,487

\* Estimated

† Estimated same as in 1886.

HAY.

COUNTIES.	Acreage, 1887, re- turned by As- sessors.	Yield per acre in tons.	Total yield in tons	Price per ton.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams.....	60,476	1 1/4	75,595	\$7 50	\$566,962	\$8 75	\$529,165	\$37,797	✓.....
Alexander.....	†2,479	2	4,958	11 00	54,538	7 45	118,468	36,070	✓.....
Bond.....	18,702	1	18,702	6 25	116,887	6 20	115,952	935	✓.....
Boone.....	27,856	1 1/2	13,928	12 50	174,100	7 90	220,062	.....	✓\$43,962
Brown.....	14,507	1 3/4	25,387	6 00	252,322	5 45	79,063	73,259	✓.....
Bureau.....	63,009	1 1/2	31,5 4	11 00	346,544	7 50	472,567	.....	✓126,023
Calhoun.....	3,580	2 1/2	8,950	6 50	58,175	9 20	32,936	25,239	✓.....
Carroll.....	34,851	1	34,851	13 50	470,488	6 25	217,819	252,669	✓.....
Cass.....	6,020	1 1/2	9,030	8 75	79,012	10 15	61,103	17,909	✓.....
Champaign.....	47,277	1	57,277	8 50	401,854	5 75	271,843	130,011	✓.....
Christian.....	50,634	1	50,634	6 75	341,779	7 00	354,438	.....	12,659
Clark.....	26,298	3/4	19,722	5 75	113,401	7 35	193,293	.....	79,882
Clay.....	22,658	3/4	16,992	6 25	106,200	6 35	143,878	.....	37,678
Clinton.....	20,612	1 1/2	10,306	12 50	128,825	6 00	123,672	5,153	✓.....
Coles.....	†30,971	3/4	23,228	6 25	145,175	7 15	221,443	.....	76,268
Cook.....	82,303	3/4	61,727	10 00	617,270	7 60	625,503	.....	8,233
Crawford.....	17,420	1 1/4	23,025	5 50	126,627	6 05	111,441	15,196	✓.....
Cumberland.....	19,072	1 1/4	23,840	5 50	131,120	5 00	95,360	35,760	✓.....
DeKalb.....	72,830	1 1/2	36,415	10 25	373,254	7 50	546,225	.....	172,971
DeWitt.....	18,280	1 1/2	9,140	10 00	91,400	6 25	116,076	.....	24,678
Douglas.....	25,074	1	25,074	7 25	181,786	6 25	156,712	25,074	✓.....
DuPage.....	43,696	1 1/4	10,924	12 00	131,088	10 45	456,623	.....	325,535
Edgar.....	39,598	3/4	29,698	5 75	170,763	7 00	277,186	.....	106,423
Edwards.....	11,343	*1 1/4	14,179	*6 5	95,708	7 20	81,670	14,038	✓.....
Effingham.....	27,438	1	27,438	0	164,728	6 10	167,372	.....	2,744
Fayette.....	31,621	1 1/4	39,526	6 50	256,919	6 55	207,117	49,802	✓.....
Ford.....	38,273	1 1/2	19,136	7 50	143,520	5 30	502,847	.....	59,327
Franklin.....	16,310	3/4	12,231	8 25	100,906	5 25	85,627	15,279	✓.....
Fulton.....	42,414	1	42,414	8 00	339,312	7 60	322,346	16,966	✓.....
Gallatin.....	5,027	1	6,027	8 00	40,216	9 40	47,254	.....	7,038
Greene.....	19,626	1 1/2	29,439	7 50	220,792	8 50	166,821	53,071	✓.....
Grundy.....	43,238	3/4	32,428	10 00	314,280	6 65	287,583	36,747	✓.....
Hamilton.....	17,868	1 1/2	26,802	6 50	174,213	3 70	66,112	108,101	✓.....
Hancock.....	53,963	3/4	40,472	8 50	364,250	6 75	364,250	.....	20,238
Hardin.....	3,264	1 1/2	4,896	11 00	53,856	7 85	25,622	28,234	✓.....
Henderson.....	18,659	3/4	13,993	9 25	129,435	7 80	145,540	.....	16,105
Henry.....	68,000	1 1/2	34,000	12 50	425,000	9 05	615,400	.....	190,400
Iroquois.....	93,051	3/4	69,700	7 75	540,857	6 10	567,611	.....	26,754
Jackson.....	14,174	2	28,348	8 00	226,784	7 10	110,635	116,149	✓.....
Jasper.....	25,475	1 1/2	12,737	5 50	70,053	5 65	143,934	.....	73,881
Jefferson.....	28,811	1 1/4	36,014	6 25	225,087	5 55	159,910	65,186	✓.....
Jersey.....	14,357	1 1/2	21,535	8 00	172,280	8 95	128,495	43,785	✓.....
JoDaviss.....	47,763	1 1/2	23,881	13 50	316,393	7 65	365,387	.....	48,994
Johnson.....	9,577	1	9,577	9 00	86,143	7 05	67,518	18,675	✓.....
Kane.....	†59,852	1/4	14,963	14 00	209,482	6 80	406,994	.....	197,512
Kankakee.....	†79,457	1 1/2	39,728	10 50	417,144	5 60	444,959	.....	27,815
Kendall.....	†30,998	1 1/2	15,499	12 50	193,737	9 00	278,982	.....	85,245
Knox.....	48,728	1 1/2	24,364	15 25	371,551	7 70	375,206	.....	3,655
Lake.....	52,858	3/4	39,043	12 25	485,627	7 35	388,506	97,121	✓.....
LaSalle.....	†98,082	1/4	24,520	11 75	288,110	8 65	848,409	.....	560,299
Lawrence.....	17,328	1 1/4	21,660	5 75	124,545	6 60	114,365	10,180	✓.....
Lee.....	†66,799	3/4	50,099	10 50	526,030	7 65	511,012	15,027	✓.....



## MAY—Continued.

COUNTIES.	Acreage, 1887, re- turned by As- sessors.	Yield per acre in tons.	Total yield in tons	Price per ton.	Value of crop.	Cost of produc- tion per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston.....	81,187	1½	40,593	10 00	405,930	7 00	563,309	.....	162,379
Logan.....	19,199	¾	14,399	9 25	132,199	9 45	143,132	.....	10,841
Macon.....	24,577	1	24,577	9 75	139,626	8 95	219,964	19,662	.....
Macoupin.....	51,779	1¼	64,724	6 50	420,706	6 65	344,330	76,376	.....
Madison.....	30,244	1	30,244	7 75	234,391	10 10	305,464	.....	71,073
Marion.....	43,065	¾	32,299	6 25	201,869	4 60	198,099	3,770	.....
Marshall.....	12,188	1	12,188	9 75	118,833	11 50	140,162	.....	21,329
Mason.....	19,941	¾	7,456	8 00	59,648	9 25	91,954	.....	32,306
Massac.....	8,508	1¾	14,889	10 00	148,890	6 90	58,705	90,185	.....
McDonough.....	11,744	1¼	14,680	6 75	99,090	7 25	85,144	13,046	.....
McHenry.....	66,895	¾	16,724	11 75	196,705	6 60	441,507	.....	245,000
McLean.....	67,734	¾	50,800	9 75	495,300	7 50	508,005	.....	12,705
Menard.....	23,350	1	23,350	6 75	157,612	7 75	180,962	.....	23,350
Mercer.....	44,781	1½	22,390	12 25	274,277	7 85	351,531	.....	77,254
Monroe.....	11,738	*1¼	14,672	*8 00	117,376	9 50	111,511	5,865	.....
Montgomery.....	43,413	1	43,413	6 00	260,478	6 70	290,867	.....	30,389
Morgan.....	15,443	1¼	19,304	6 25	120,650	10 35	159,835	.....	39,185
Moultrie.....	8,504	1¼	10,630	5 25	55,876	6 50	55,276	531	.....
Ogle.....	56,561	1½	28,280	10 00	282,800	7 50	424,207	.....	141,407
Peoria.....	37,781	1½	18,890	12 50	236,125	8 85	334,362	.....	98,237
Perry.....	10,661	1	106,661	7 75	82,623	6 15	65,565	17,058	.....
Piatt.....	12,962	¾	9,721	8 00	77,768	7 35	95,271	.....	17,503
Pike.....	33,525	1	33,525	6 00	201,150	7 25	143,056	.....	41,906
Pope.....	17,884	1¾	13,797	6 00	82,782	6 70	52,823	29,959	.....
Pulaski.....	6,455	1¼	8,069	11 25	90,776	7 40	47,767	43,009	.....
Putnam.....	9,148	1½	4,574	11 00	50,314	7 95	72,727	.....	22,413
Randolph.....	17,027	1½	25,540	7 25	185,165	9 05	154,094	31,071	.....
Richland.....	26,865	¾	20,149	6 75	136,006	6 95	186,712	.....	50,706
Rock Island.....	33,136	¾	24,852	14 00	347,928	8 10	168,402	79,526	.....
Saline.....	11,193	1½	16,789	9 00	551,101	6 15	68,837	82,264	.....
Sangamon.....	32,717	1	32,717	8 00	261,736	10 95	358,251	.....	96,515
Schuyler.....	20,418	1	20,418	8 75	178,659	6 70	136,801	41,856	.....
Scott.....	2,875	1	2,875	7 00	20,125	6 45	18,544	1,581	.....
Shelby.....	55,814	1	55,914	4 50	251,613	7 95	433,333	.....	181,720
Stark.....	16,822	¾	12,616	11 25	141,930	7 55	127,003	14,924	.....
St. Clair.....	29,212	1½	43,818	9 00	394,362	12 25	357,847	36,515	.....
Stephenson.....	38,539	1½	19,294	16 00	308,704	6 35	245,040	63,664	.....
Tazewell.....	28,723	1½	14,361	14 00	201,054	7 70	221,167	.....	20,113
Union.....	12,197	1¾	21,345	10 75	229,459	*7 35	89,648	139,811	.....
Vermilion.....	50,551	¾	37,914	7 50	284,355	6 65	336,164	.....	51,809
Wabash.....	10,409	1½	15,748	6 75	106,299	7 10	74,549	31,756	.....
Warren.....	36,344	1½	18,172	11 50	208,978	7 25	263,494	.....	54,516
Washington.....	10,354	1	10,354	8 00	32,832	5 85	60,571	22,261	.....
Wayne.....	41,305	1¼	51,631	5 50	283,960	6 50	268,482	15,488	.....
White.....	19,101	1½	28,651	7 75	222,045	6 30	120,336	101,709	.....
Whiteside.....	62,660	1½	31,330	8 25	258,472	6 50	407,290	.....	148,818
Will.....	98,058	1½	49,029	11 25	551,576	6 80	666,994	.....	115,218
Williamson.....	11,835	1½	17,752	8 25	145,454	6 80	80,478	64,976	.....
Winnebago.....	39,685	1½	19,842	13 25	262,906	6 60	261,921	985	.....
Woodford.....	27,113	¾	20,335	12 50	254,187	7 95	215,548	38,639	.....
Total or average ..	3,316,016	¾	2,581,539	\$8 70	\$22,458,692	\$7 30	\$24,149,983	\$2,411,720	\$4,103,111

\* Estimated.

† Estimated same as in 1886.

CORN.

COUNTIES	ACREAGE.				CONDITION AUGUST 1.									
	Returned by Assessors, 1886.	Returned by Assessors, 1887.	Increase, 1887.	Decrease, 1887.	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878
Adams .....	84,910	80,964	.....	3,946	84	65	90	95	74	59	110	85	102	77
Alexander .....	8,862	*8,862	.....	.....	84	70	100	93	90	95	52	91	103	115
Bond .....	50,375	36,693	.....	13,681	36	81	97	94	81	92	33	27	113	60
Boone .....	30,877	30,524	.....	353	76	65	85	96	77	61	78	108	100	95
Brown .....	26,659	28,375	1,716	.....	78	67	80	95	82	62	110	75	75	62
Bureau .....	146,454	138,135	.....	8,319	38	67	92	87	83	53	58	105	106	90
Calhoun .....	13,807	11,926	.....	1,881	77	55	94	105	82	59	91	100	111	95
Carroll .....	62,507	59,156	.....	3,351	97	58	96	102	78	50	74	100	80	95
Cass .....	43,380	47,274	3,894	.....	67	60	98	100	73	85	108	87	87	75
Champaign .....	221,355	222,800	1,445	.....	47	95	120	100	96	60	80	93	108	82
Christian .....	128,046	110,783	.....	17,263	57	80	84	101	85	35	90	98	110	60
Clark .....	37,874	39,995	2,121	.....	24	85	81	85	105	58	57	86	95	55
Clay .....	29,299	29,806	507	.....	53	82	97	70	82	90	30	62	92	80
Clinton .....	52,601	46,153	.....	6,448	20	30	80	67	90	72	22	78	117	90
Coles .....	63,500	*63,500	.....	.....	29	101	101	80	108	52	86	100	110	85
Cook .....	43,179	46,594	3,415	.....	70	57	96	92	77	61	80	101	92	91
Crawford .....	29,102	31,844	2,742	.....	44	85	85	76	105	68	42	93	92	80
Cumberland .....	28,344	24,320	.....	4,024	30	95	69	68	96	42	56	98	96	52
DeKalb .....	99,881	90,728	.....	9,153	77	79	100	107	77	57	78	114	110	95
DeWitt .....	82,055	75,307	.....	6,748	56	97	90	101	90	59	96	88	106	75
Douglas .....	77,227	58,061	.....	19,166	60	95	100	70	80	56	86	100	110	75
DuPage .....	31,039	29,260	.....	1,779	70	80	100	92	70	75	87	105	85	95
Edgar .....	94,513	94,631	218	.....	43	100	97	90	95	61	75	106	106	80
Edwards .....	15,557	13,921	.....	1,606	67	85	119	77	110	80	50	92	95	90
Effingham .....	38,798	41,445	2,647	.....	26	97	117	71	85	87	35	96	107	45
Fayette .....	52,126	52,350	224	.....	33	59	97	75	91	56	12	62	114	75
Ford .....	104,242	112,792	8,550	.....	40	90	102	91	100	59	77	86	105	80
Franklin .....	29,282	34,058	4,776	.....	53	64	98	85	93	92	45	78	122	100
Fulton .....	97,491	92,671	.....	4,820	73	50	89	99	85	53	111	100	108	85
Gallatin .....	51,485	22,585	.....	28,900	87	85	84	81	102	93	44	45	110	80
Greene .....	65,872	57,776	.....	8,096	70	88	100	99	95	63	105	109	102	85
Grundy .....	88,793	82,754	.....	6,039	44	62	94	98	54	52	77	86	105	62
Hamilton .....	40,344	36,251	.....	4,093	61	66	107	65	90	66	20	83	110	85
Hancock .....	91,002	80,696	.....	10,306	88	61	101	107	80	23	99	101	95	80
Hardin .....	9,247	9,677	430	.....	100	63	65	67	90	70	75	76	105	100
Henderson .....	56,489	54,064	.....	2,425	60	50	73	100	75	48	80	105	107	95
Henry .....	135,077	129,923	.....	5,154	61	53	78	81	79	59	73	98	104	80
Iroquois .....	213,628	215,034	1,406	.....	82	99	105	104	85	52	100	80	110	100
Jackson .....	25,768	23,700	.....	2,068	100	25	75	110	87	100	24	82	112	100
Jasper .....	34,326	42,950	8,624	.....	32	87	100	75	75	72	25	91	108	55
Jefferson .....	34,395	47,149	12,754	.....	45	37	100	53	98	76	15	88	111	85
Jersey .....	37,411	38,738	1,327	.....	70	58	92	93	105	68	99	98	92	60
Jo Daviess .....	43,132	50,612	7,480	.....	75	52	106	92	91	73	77	101	107	100
Johnson .....	18,490	15,142	.....	3,348	72	64	100	83	96	90	37	90	118	100
Kane .....	55,457	*55,457	.....	.....	65	66	97	97	81	82	85	108	112	90
Kankakee .....	98,012	*98,012	.....	.....	62	88	99	100	72	35	100	67	90	75
Kandall .....	58,251	*58,251	.....	.....	50	72	84	84	71	55	69	89	80	72
Knox .....	103,938	93,944	.....	9,994	69	73	88	112	88	46	93	91	110	90
Lake .....	22,881	24,545	1,664	.....	47	54	88	91	78	65	85	101	96	85
LaSalle .....	216,884	*216,884	.....	.....	48	59	91	90	69	52	47	93	104	60
Lawrence .....	32,865	31,177	.....	1,688	65	93	99	85	106	65	50	86	110	65
Lee .....	139,571	*139,571	.....	.....	92	68	92	100	78	72	85	108	108	90



## CORN—Continued.

COUNTIES.	ACREAGE.				CONDITION AUGUST 1.									
	Returned by Assessors, 1886.	Returned by Assessors, 1887.	Increase, 1887.	Decrease, 1887.	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878
Livingston .....	242,264	236,713	.....	5,551	52	75	87	93	75	57	95	62	120	53
Logan.....	146,679	135,473	.....	11,206	61	79	104	91	85	60	94	82	85	81
Macon.....	114,994	116,531	1,537	.....	49	71	97	97	94	52	100	105	88	75
Macoupin .....	108,028	95,920	.....	12,108	56	67	95	80	87	60	105	109	96	71
Madison .....	105,814	82,317	.....	23,497	58	55	90	77	105	67	72	91	110	55
Marion.....	39,005	49,204	10,199	.....	37	77	72	87	93	66	60	87	150	120
Marshall .....	75,872	71,652	.....	4,220	63	58	87	99	81	57	77	93	107	82
Mason.....	66,301	*66,301	.....	.....	45	68	80	97	82	62	54	76	90	85
Massac.....	11,207	14,407	3,200	.....	45	67	106	82	110	80	37	90	100	100
McDonough .....	30,229	30,007	.....	222	75	50	72	80	90	42	105	76	95	77
McHenry .....	57,131	57,397	266	.....	40	68	96	104	92	75	82	115	100	92
McLean....	239,937	221,139	.....	18,798	47	77	88	95	84	52	90	80	108	90
Menard .....	70,350	*70,350	.....	.....	77	75	100	91	89	58	108	95	77	77
Mercer.....	82,224	*81,224	.....	.....	80	56	90	100	87	68	80	98	100	100
Monroe.....	18,746	17,513	.....	1,233	†69	65	101	90	96	95	60	88	87	85
Montgomery ...	109,697	96,842	.....	12,857	57	71	101	82	105	61	69	103	119	50
Morgan .....	113,306	104,735	.....	8,571	70	70	91	90	92	46	112	111	85	70
Moultrie .....	52,395	32,656	.....	19,739	53	93	103	95	100	45	103	98	101	80
Ogle.....	121,577	*121,577	.....	.....	80	80	100	96	80	69	82	103	108	100
Peoria .....	80,181	69,243	.....	10,938	67	57	70	*98	84	51	77	100	105	75
Perry.....	15,698	13,937	.....	1,761	66	28	90	84	94	64	13	58	122	100
Piatt.....	71,131	79,637	8,506	.....	37	100	98	102	84	52	100	93	105	85
Pike.....	74,866	75,900	1,034	.....	90	69	79	105	80	60	103	89	100	90
Pope.....	20,887	*20,887	.....	.....	72	70	105	72	102	95	25	60	113	102
Pulaski.....	14,205	10,950	.....	3,255	62	55	97	105	95	110	53	96	113	80
Putnam.....	26,785	24,764	.....	2,021	47	54	88	100	80	98	68	100	100	90
Randolph .....	28,031	26,249	.....	1,782	83	42	113	86	97	87	18	81	110	90
Richland.....	26,400	26,584	184	.....	50	90	92	56	94	98	36	93	102	86
Rock Island ....	48,667	48,659	.....	8	87	46	85	95	84	53	68	99	107	90
Saline.....	22,743	*22,743	.....	.....	70	75	82	82	100	62	55	95	107	95
Sangamon .....	131,887	132,990	1,103	.....	62	79	112	100	95	55	111	102	90	75
Schuyler.....	39,070	37,614	.....	1,456	93	62	87	93	89	38	105	88	102	86
Scott .....	22,423	13,562	.....	8,961	72	65	85	108	78	65	107	77	62	75
Shelby.....	100,329	79,865	.....	20,464	31	110	92	85	99	55	84	100	105	85
Stark.....	65,603	52,427	.....	13,181	81	82	99	101	92	70	76	96	100	82
St. Clair .....	58,326	62,459	4,133	.....	80	70	105	75	89	87	57	95	114	100
Stephenson.....	72,156	70,163	.....	1,993	72	64	100	100	92	64	95	101	105	95
Tazewell.....	105,913	97,513	.....	8,400	59	56	95	105	79	48	97	95	110	95
Union.....	21,891	19,682	.....	2,209	88	92	100	102	100	94	65	95	123	110
Vermilion .....	145,598	145,391	.....	207	45	105	93	93	108	53	86	117	113	100
Wabash .....	15,746	18,913	3,167	.....	85	93	99	70	91	7	48	73	104	95
Warren .....	97,105	87,245	.....	9,860	65	72	89	105	88	50	78	96	110	105
Washington ..	38,750	33,900	.....	4,880	44	28	96	71	98	105	7	50	109	75
Wayne .....	43,962	*43,962	.....	.....	70	79	89	65	95	76	81	68	116	100
White .....	42,669	38,933	.....	3,736	71	58	99	71	95	71	52	60	111	87
Whiteside .....	100,927	95,571	.....	5,356	80	42	102	75	75	62	67	102	105	86
Will.....	118,969	114,200	.....	4,769	46	44	95	99	83	64	87	103	100	80
Williamson.....	24,639	18,633	.....	5,006	65	43	100	81	87	75	26	63	112	85
Winnebago .....	71,426	66,324	.....	5,102	75	57	107	105	91	59	93	96	110	95
Woodford .....	106,006	99,709	.....	6,297	63	77	99	105	115	60	98	77	126	72
Total o av ...	7,153,309	6,828,387	99,269	424,191	62	70	94	90	88	65	70	90	103	83

\* Estimated same as in 1886.

† Estimated.

PASTURES.

COUNTIES.	Acreage.				Condition August 1.									
	Returned by Assessors, 1886.	Returned by Assessors, 1887.	Increase 1887.	Decrease 1887.	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878
Adams . . . . .	61,963	50,846	.....	11,117	55	62	90	97	96	94	100	78	77	95
Alexander . . . . .	420	420	.....	.....	70	82	90	100	112	90	75	88	96	100
Bond . . . . .	30,905	28,804	.....	1,101	30	76	112	107	100	101	69	98	86	72
Boone . . . . .	50,801	51,982	1,181	.....	14	62	98	107	100	105	100	103	100	95
Brown . . . . .	28,183	26,671	.....	1,512	53	57	80	100	97	95	110	70	46	95
Bureau . . . . .	111,890	119,775	7,885	.....	17	56	95	105	105	75	82	100	92	105
Calhoun . . . . .	2,503	4,322	1,819	.....	50	40	90	110	90	87	100	90	74	85
Carroll . . . . .	69,923	76,039	6,116	.....	30	31	99	107	106	100	104	87	104	100
Cass . . . . .	22,644	24,057	1,413	.....	31	52	90	107	106	115	108	80	52	105
Champaign . . . . .	107,369	110,156	2,787	.....	15	85	100	110	103	96	67	92	70	90
Christian . . . . .	81,465	74,938	.....	6,527	47	72	88	100	106	108	60	100	60	90
Clark . . . . .	36,143	31,316	.....	4,827	20	74	74	101	99	94	36	100	86	100
Clay . . . . .	22,875	22,619	.....	256	55	67	95	93	100	92	36	71	56	90
Clinton . . . . .	28,224	29,733	1,509	.....	*60	55	82	102	108	107	62	72	96	95
Coles . . . . .	58,373	58,373	.....	.....	9	84	98	110	106	101	68	85	72	112
Cook . . . . .	78,679	74,193	.....	4,486	12	40	77	80	104	92	101	100	92	100
Crawford . . . . .	26,387	25,458	71	.....	32	92	85	90	106	100	55	100	75	100
Cumberland . . . . .	19,134	16,384	.....	2,750	24	87	88	93	100	100	83	101	75	100
DeKalb . . . . .	120,064	115,372	.....	4,692	55	66	100	102	102	101	105	103	100	100
DeWitt . . . . .	51,070	55,112	4,042	.....	54	95	85	114	106	92	95	87	73	85
Douglas . . . . .	57,305	64,005	6,700	.....	28	100	93	100	100	98	77	85	87	100
DuPage . . . . .	50,393	56,104	5,711	.....	30	80	90	78	108	...	90	110	100	105
Edgar . . . . .	95,388	109,609	14,221	.....	20	85	95	95	100	94	50	103	97	95
Edwards . . . . .	12,555	13,070	515	.....	*60	75	82	90	100	92	90	96	65	85
Effingham . . . . .	32,931	24,271	.....	8,660	26	83	112	79	100	100	68	92	95	105
Fayette . . . . .	32,325	37,404	5,079	.....	23	52	92	85	106	81	62	72	84	85
Ford . . . . .	44,495	45,755	1,260	.....	27	80	102	115	102	105	66	92	84	100
Franklin . . . . .	21,177	14,489	.....	6,688	43	56	80	100	106	115	50	97	100	100
Fulton . . . . .	70,745	79,470	8,725	.....	39	40	75	100	100	99	95	90	50	95
Gallatin . . . . .	16,260	2,515	.....	13,745	47	77	75	91	88	96	56	82	95	100
Greene . . . . .	71,418	77,009	5,591	.....	67	85	95	102	103	95	100	106	62	100
Grundy . . . . .	67,596	70,913	3,317	.....	22	37	86	102	105	90	100	92	83	90
Hamilton . . . . .	24,475	13,386	.....	11,089	47	61	90	92	99	96	26	82	100	60
Hancock . . . . .	76,374	74,007	.....	2,367	51	56	82	97	103	100	98	94	60	90
Hardin . . . . .	5,108	3,983	.....	1,125	100	60	55	80	100	90	65	91	90	100
Henderson . . . . .	69,108	83,983	14,875	.....	28	37	90	100	106	96	86	97	70	108
Henry . . . . .	121,221	129,747	8,526	.....	8	41	72	102	103	106	82	92	92	92
Iroquois . . . . .	141,014	142,296	1,282	.....	32	89	90	104	103	100	105	100	75	105
Jackson . . . . .	7,655	7,795	140	.....	80	25	80	100	100	75	27	90	103	100
Jasper . . . . .	19,686	22,844	3,168	.....	40	62	100	90	100	100	32	92	78	100
Jefferson . . . . .	22,485	43,985	21,500	.....	67	42	92	83	100	100	38	100	90	90
Jersey . . . . .	24,012	23,157	.....	855	39	32	100	107	90	72	80	75	30	80
Jo Daviess . . . . .	84,341	97,647	13,306	.....	15	53	95	105	106	106	101	91	97	108
Johnson . . . . .	7,462	7,286	.....	176	52	67	80	97	100	92	37	80	83	105
Kane . . . . .	107,688	107,688	.....	.....	7	52	97	91	108	105	103	105	95	95
Kankakee . . . . .	76,957	76,957	.....	.....	35	64	86	104	107	83	95	102	80	100
Kendall . . . . .	49,923	49,923	.....	.....	13	56	75	92	97	85	75	100	84	80
Knox . . . . .	133,187	122,261	.....	10,926	22	62	79	105	110	112	98	88	76	105
Lake . . . . .	78,847	84,902	6,055	.....	25	51	95	86	106	101	109	104	90	100
LaSalle . . . . .	128,038	128,038	.....	.....	17	50	91	99	101	105	74	97	80	90
Lawrence . . . . .	32,323	23,070	.....	9,253	62	95	78	87	100	100	37	96	53	100
Lee . . . . .	93,592	93,592	.....	.....	26	31	104	106	100	106	106	106	96	95



## PASTURES—Continued.

COUNTIES.	Acreage.				Condition August 1.											
	Returned by Assessors, 1886.	Returned by Assessors 1887.	Increase 1887.	Decrease 1887.	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878		
Livingston.....	108,715	109,692	977	.....	17	43	92	105	108	97	73	87	80	100		
Logan.....	58,711	54,699	.....	4,012	22	71	100	107	103	97	100	73	67	100		
Macon.....	58,416	60,158	1,742	.....	30	77	98	105	100	94	82	88	62	100		
Macoupin.....	83,600	90,383	6,783	.....	47	70	87	102	105	101	101	114	43	95		
Madison.....	55,018	47,242	.....	7,776	72	50	87	89	107	94	79	88	62	90		
Marion.....	39,290	44,025	4,735	.....	70	68	87	80	95	89	30	95	100	90		
Marshall.....	51,833	56,187	4,354	.....	27	53	93	110	105	92	97	93	82	95		
Mason.....	17,247	†17,247	.....	.....	35	30	80	103	98	92	70	92	43	90		
Massac.....	2,687	4,307	1,620	.....	35	69	99	105	96	85	52	88	96	100		
McDonough..	20,771	17,636	.....	3,135	33	25	75	100	105	105	100	63	40	95		
McHenry.....	131,949	137,611	5,662	.....	15	45	95	99	100	100	100	110	100	100		
McLean.....	164,415	149,099	.....	15,376	12	61	91	105	104	96	91	80	74	100		
Menard.....	45,645	†45,645	.....	.....	35	75	100	102	100	102	95	78	60	90		
Mercer.....	90,560	96,205	5,645	.....	25	45	84	97	100	101	93	80	70	92		
Monroe.....	5,047	4,923	.....	124	*46	72	101	102	103	110	65	80	65	75		
Montgomery....	81,963	85,577	3,614	.....	36	66	95	104	103	93	69	83	60	100		
Morgan.....	108,042	112,793	4,751	.....	47	70	97	103	116	109	87	107	31	110		
Moultrie.....	28,291	18,864	.....	9,427	30	83	96	103	95	95	68	87	62	100		
Ogle.....	90,316	†90,316	.....	.....	16	50	100	107	106	103	105	100	99	105		
Peoria.....	53,788	50,261	.....	3,527	25	30	67	93	112	103	93	90	90	95		
Perry.....	5,941	9,214	3,273	.....	50	40	90	97	99	94	56	85	85	95		
Piatt.....	36,766	36,383	.....	383	25	92	100	105	105	97	90	101	86	95		
Pike.....	68,040	66,759	.....	1,281	69	64	99	108	100	116	93	93	50	105		
Pope.....	10,117	†10,117	.....	.....	65	70	100	100	100	102	17	72	68	80		
Pulaski.....	2,319	4,148	1,829	.....	52	61	103	115	108	120	62	98	85	100		
Putnam.....	29,115	27,482	.....	1,633	15	53	93	105	106	106	87	100	95	105		
Randolph.....	15,365	17,143	1,778	.....	65	40	102	106	105	107	50	103	95	95		
Richland.....	29,630	37,197	7,567	.....	40	82	81	80	103	102	36	95	62	90		
Rock Island....	61,209	67,214	6,008	.....	51	22	84	101	98	102	85	94	96	100		
Saline.....	6,378	8,670	2,292	.....	85	75	85	100	100	95	48	100	105	100		
Sangamon.....	97,669	110,714	13,045	.....	62	76	97	102	110	102	106	107	40	101		
Schuyler.....	36,593	43,958	7,365	.....	40	50	80	107	102	92	92	90	54	95		
Scott.....	13,830	10,088	.....	3,742	37	40	78	102	87	100	91	96	23	105		
Shelby.....	79,625	67,688	.....	11,937	21	86	87	99	106	100	76	89	62	100		
Stark.....	45,374	44,381	.....	993	53	73	86	102	100	100	95	97	81	90		
St. Clair.....	19,336	22,133	2,797	.....	75	50	98	97	104	100	25	77	77	97		
Stephenson.....	57,484	67,927	10,443	.....	38	32	100	105	97	96	105	95	91	100		
Tazewell.....	45,147	52,095	6,948	.....	30	46	93	102	104	100	82	107	70	100		
Union.....	8,482	8,212	.....	270	63	85	83	102	87	90	46	95	102	100		
Vermilion.....	129,357	120,371	.....	8,986	22	105	107	118	130	100	91	100	108	105		
Wabash.....	8,052	10,604	2,552	.....	65	50	82	79	92	99	40	95	81	90		
Warren.....	92,512	102,462	9,950	.....	37	54	90	105	105	105	94	83	88	100		
Washington....	27,208	26,074	.....	1,134	47	27	85	88	105	106	30	50	14	100		
Wayne.....	37,899	†37,899	.....	.....	80	81	80	82	102	107	30	93	85	95		
White.....	32,577	29,500	.....	3,077	56	67	70	77	95	88	30	85	85	80		
Whiteside.....	103,032	119,016	15,984	.....	33	57	100	*109	105	92	75	95	100	95		
Will.....	129,855	127,592	.....	2,263	*20	32	67	98	105	89	97	95	90	90		
Williamson.....	10,793	7,279	.....	3,514	57	41	85	98	101	97	27	76	87	85		
Winnebago.....	69,636	69,405	369	.....	22	45	105	104	95	100	103	101	100	100		
Woodford.....	48,733	49,011	288	.....	10	45	100	105	115	96	104	81	73	85		
Total or average.	5,537,874	5,632,287	279,155	184,272	39	60	90	109	102	98	75	91	78	96		

\*Estimated.

†Estimated same as in 1886.

FARM CROPS.

COUNTIES.	CORN.	BROOM CORN.	SORGH'M	COTTON.	HEMP.	TOBACCO	CASTOR BEANS.	PAST'RS.	IRISH POTAT'S	SWEET'S POTAT'S.	BUCK- WHEAT.	
	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Acreage compared with 1886.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Acreage compared with 1886.	Condition August 1, 1887.
Adams.....	87	.....	60	.....	.....	.....	.....	55	55	65	.....	.....
Alexander....	84	100	67	.....	.....	90	.....	70	77	87	.....	.....
Bond... ..	36	55	52	.....	.....	.....	73	30	60	76	95	75
Boone.....	76	75	.....	.....	.....	.....	.....	14	49	.....	100	37
Brown.....	78	.....	80	.....	.....	.....	.....	53	67	50	.....	.....
Bureau .....	38	.....	60	.....	.....	.....	.....	17	17	.....	.....	40
Calhoun .....	77	.....	70	.....	.....	30	.....	50	72	50	.....	.....
Carroll.....	97	100	87	.....	.....	.....	.....	30	67	100	.....	.....
Cass .....	67	.....	95	.....	.....	.....	.....	31	36	75	.....	.....
Champaign ..	47	75	67	.....	.....	.....	.....	15	28	60	.....	.....
Christian .....	57	90	67	.....	.....	50	.....	47	39	62	100	.....
Clark.....	24	44	40	.....	.....	55	.....	20	39	59	60	50
Clay .....	53	40	59	.....	.....	.....	.....	55	66	77	75	87
Clinton .....	20	40	40	.....	.....	.....	70	.....	50	30	.....	.....
Coles .....	29	55	53	.....	100	80	.....	9	31	52	.....	.....
Cook.....	70	.....	.....	.....	.....	.....	.....	12	37	.....	.....	.....
Crawford .....	44	21	42	.....	.....	85	.....	32	48	56	65	60
Cumberland ..	30	31	43	.....	.....	70	.....	24	42	31	25	17
DeKalb .....	77	.....	.....	.....	.....	.....	.....	55	44	.....	.....	10
DeWitt .....	56	75	56	.....	.....	.....	.....	54	29	57	47	40
Douglas .....	60	55	75	.....	.....	100	.....	28	47	80	.....	.....
DuPage.....	70	.....	.....	.....	.....	.....	.....	30	50	.....	.....	.....
Edgar.....	43	62	75	.....	.....	.....	.....	20	37	43	.....	.....
Edwards' .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Effingham .....	26	.....	40	.....	.....	35	.....	26	46	48	.....	.....
Fayette.....	33	37	27	.....	.....	62	.....	23	35	58	.....	.....
Ford .....	40	80	80	.....	.....	.....	.....	27	28	40	.....	.....
Franklin.....	53	.....	45	.....	.....	50	63	43	85	50	100	75
Fulton .....	73	.....	82	.....	.....	.....	.....	39	49	62	100	40
Gallatin.....	87	.....	72	.....	.....	.....	.....	47	60	100	.....	.....
Greene .....	70	.....	85	.....	.....	.....	.....	67	61	52	.....	.....
Grundy .....	44	.....	60	.....	.....	.....	.....	22	16	20	.....	.....
Hamilton .....	61	50	71	.....	.....	70	90	47	95	85	95	75
Hancock.....	88	.....	100	.....	.....	.....	.....	51	63	78	100	105
Hardin .....	100	.....	90	.....	.....	85	.....	100	100	110	.....	.....
Henderson ...	60	.....	50	.....	.....	.....	.....	28	39	75	.....	.....
Henry.....	61	52	63	.....	.....	.....	25	8	29	42	.....	.....
Iroquois.....	82	80	93	.....	.....	.....	.....	32	40	85	.....	.....
Jackson.....	100	80	75	.....	.....	.....	75	80	100	90	.....	.....
Jasper .....	32	37	37	.....	.....	50	.....	40	35	47	75	50
Jefferson.....	45	40	55	.....	.....	.....	70	67	60	68	100	60
Jersey .....	70	.....	67	.....	.....	.....	.....	39	87	77	50	50
JoDavieess ...	75	.....	.....	.....	.....	70	.....	25	45	.....	75	100
Johnson .....	72	82	65	.....	.....	85	100	52	72	87	100	95
Kane .....	65	.....	.....	.....	.....	.....	.....	7	27	.....	100	40
Kankakee....	62	.....	68	.....	.....	.....	.....	35	35	.....	100	75
Kendall.....	50	.....	.....	.....	.....	.....	.....	13	24	.....	80	10
Knox.....	69	95	.....	.....	.....	.....	.....	22	57	81	25	55
Lake .....	47	50	50	.....	.....	.....	.....	25	33	.....	.....	40
LaSalle.....	48	90	86	.....	.....	.....	.....	17	36	68	.....	.....
Lawrence.....	65	72	81	.....	.....	.....	.....	62	69	85	100	87
Lee.....	92	.....	100	.....	.....	.....	.....	26	35	75	30	40



## FARM CROPS—Continued.

COUNTIES.	CORN. Condition August 1, 1887.	BROOM CORN. Condition August 1, 1887.	SORGH'M Condition August 1, 1887.	COTTON. Condition August 1, 1887.	HEMP. Acreage compared with 1886.	TOBACCO Condition August 1, 1887.	CASTOR BEANS. Condition August 1, 1887.	PAST'RS. Condition August 1, 1887.	IRISH POTAT'S Condition August 1, 1887.	SWEET POTAT'S. Condition August 1, 1887.	BUCK- WHEAT Acreage compared 1886.	Condition August 1, 1887.
Livingston...	52	75	43	.....	.....	.....	.....	17	25	50	10	25
Logan.....	61	.....	90	.....	.....	.....	.....	22	26	68	100	75
Macon.....	49	.....	75	.....	.....	.....	.....	30	26	50	10	25
Macoupin...	56	60	81	.....	.....	50	75	47	67	76	92	70
Madison.....	58	75	80	.....	.....	85	.....	72	72	90	.....	.....
Marion.....	37	52	30	.....	.....	90	.....	70	70	70	50	50
Marshall.....	63	80	75	.....	.....	.....	.....	27	59	70	40	35
Mason.....	45	80	80	.....	.....	.....	.....	35	35	50	80	20
Massac.....	45	.....	55	.....	.....	30	.....	35	40	50	40	100
McDonough..	75	75	62	.....	.....	.....	.....	33	42	50	25	25
McHenry.....	40	80	72	.....	100	100	100	15	34	100	75	62
McLean.....	47	.....	80	.....	.....	.....	.....	12	27	35	.....	.....
Menard.....	77	.....	90	.....	.....	.....	.....	35	58	83	.....	.....
Mercer.....	80	80	95	.....	.....	.....	.....	25	50	55	100	60
Monroe.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montgomery..	57	60	56	.....	.....	75	.....	36	52	70	.....	.....
Morgan.....	70	.....	50	.....	.....	.....	.....	47	52	80	.....	.....
Moultrie.....	53	65	72	.....	.....	.....	.....	30	24	57	.....	.....
Ogle.....	80	80	.....	.....	.....	.....	.....	15	43	100	100	50
Peoria.....	67	.....	90	.....	.....	.....	.....	25	40	45	.....	.....
Perry.....	66	.....	80	.....	.....	.....	77	50	67	69	.....	.....
Piatt.....	37	50	50	.....	.....	.....	.....	25	17	20	.....	.....
Pike.....	90	100	93	.....	.....	.....	.....	69	65	82	.....	.....
Pope.....	72	100	82	.....	.....	100	.....	65	82	88	.....	.....
Pulaski.....	62	82	69	.....	.....	87	83	52	45	72	.....	.....
Putnam.....	47	50	50	.....	.....	.....	.....	15	19	53	.....	.....
Randolph...	83	125	75	.....	.....	100	87	65	92	95	.....	.....
Richland.....	50	55	59	.....	.....	.....	.....	40	65	79	81	67
Rock Island..	87	.....	100	.....	.....	.....	.....	51	61	97	.....	.....
Saline.....	70	.....	70	.....	.....	33	.....	85	62	67	.....	.....
Sangamon....	62	80	95	.....	.....	75	.....	62	53	85	.....	.....
Schuyler.....	93	85	80	.....	.....	.....	.....	40	73	93	100	.....
Scott.....	72	.....	.....	.....	.....	.....	.....	37	50	75	.....	.....
Shelby.....	31	51	49	.....	.....	67	.....	21	27	52	75	31
Stark.....	81	95	90	.....	.....	.....	.....	53	65	97	100	100
St. Clark.....	80	.....	.....	.....	.....	.....	.....	75	80	75	.....	.....
Stephenson...	72	90	85	.....	.....	40	.....	38	62	80	100	75
Tazewell.....	59	.....	.....	.....	.....	.....	.....	30	37	61	.....	.....
Union.....	88	75	82	.....	.....	.....	.....	63	67	77	.....	.....
Vermilion...	45	.....	50	.....	.....	.....	.....	22	42	62	.....	.....
Wabash.....	85	90	56	.....	.....	.....	.....	65	64	98	.....	.....
Warren.....	65	100	97	.....	.....	100	.....	37	52	80	100	80
Washington..	44	.....	44	.....	.....	87	62	47	72	81	.....	.....
Wayne.....	70	72	70	.....	.....	90	.....	80	91	88	101	70
White.....	71	85	72	.....	.....	.....	75	56	70	85	103	58
Whiteside....	80	.....	90	.....	.....	.....	.....	33	28	100	.....	.....
Will.....	46	70	65	.....	.....	65	70	.....	44	25	87	.....
Williamson...	65	75	69	60	.....	51	67	57	79	74	.....	.....
Winnebago...	75	70	75	.....	.....	.....	.....	22	49	.....	65	25
Woodford.....	63	70	55	.....	.....	.....	.....	10	32	50	.....	.....

FARM AND FRUIT CROPS.  
Condition and Yield.

COUNTIES.	TURNIPS AND OTHER ROOT CROPS.	FIELD PEAS.	FIELD BEANS.	APPLES.	PEACHES	PEARS.	PLUMS.	GRAPES.	BLACK- BERRIES	QUINCES	CLOVER.	
	Acreage compared with 1886.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Yield compared to an average.	Condition August 1, 1887.	Yield per acre in tons.	Quality compared to an average.
Adams					37		60	25	95		2	95
Alexander			90	95	70	95	45	70	80	99	2¼	102
Bond	87	75	50	68	34	39	58	30	80	32	1¾	98
Boone	80	20	40	19					62	17	½	97
Brown				50	22				95	30	1½	100
Bureau	90	25	40	40	19				82	38	¾	80
Calhoun					20		20	20	30	40	2	100
Carroll	100			75	27			25	100	75	1½	83
Cass		50			7				83	17	1½	95
Champaign	100	20		70	43		50		89	40	1½	100
Christian	100	35		45	22		32	80	69	15	1½	97
Clark			20	50	23	27	37	25	66	22	1¼	87
Clay	95	87		85	62	65	78	50	71	30	1	97
Clinton	40				20	30	90	100	65	30	1	100
Coles	90	15		47	27	60	50	25	91	26	1¼	100
Cook		25			60						1	87
Crawford	65	40	35	38	37	42	19	26	47	35	1¾	93
Cumberland	65	50		20	27	25	55	22	70	17	1½	103
DeKalb	90	90		70	37				84	50	½	81
DeWitt	80	35		50	40		80	50	94	35	2¼	99
Douglas	50	50		57	28		37	50	95	50	1½	120
DuPage					25				75		½	30
Edgar	100	50		60	38		60	25	80	20	1¼	90
Edwards												
Effingham	80	32		60	30	27	45	33	55	15	1¾	92
Fayette	75	40	40	40	20		67	25	56	15	1¼	96
Ford					11				52		1	100
Franklin	100	100	50	50	72	62	50		75	80	1	87
Fulton				75	28		25	75	86	50	1¾	99
Gallatin			80	70	77	82	62	97	60	90	1½	105
Greene					29		58	26	65	18	2¼	103
Grundy				50	10			10	60	20	¾	90
Hamilton	80	100	77	77	89	97	82	60	96	93	1½	87
Hancock	90	85			24		37	80	97	20	1¼	102
Hardin	100			100	90	65	95	100	90	35	2	100
Henderson					33				72	28	1	100
Henry	105	37	50	62	22		60	43	82	25	¾	62
Iroquois	40	10	70	70	28			10	85	32	1¼	100
Jackson				85	75	80	85	100	75	100	3	
Jasper	100	50			30	10	35	35	57	22	1½	95
Jefferson	70	50	75	50	62	82	70	80	83	67	2½	100
Jersey	100			50	15	5	13	7	33	35	2	100
JoDaviess	75	42	55	55	36			37	97	27	1	92
Johnson	100	87	75	75	63	80	63	100	67	85	1¼	82
Kane	62	10		39	31	25	52	20	87	60	½	99
Kankakee	47			60	54			40	83		1¼	97
Kendall					13				55		1	93
Knox	125	77		80	13			25	76	36	1¼	117
Lake		20		25	33		50		78	75	¾	
LaSalle	78	50		50	50			50	82	27	1	100
Lawrence	100	85			55	47	65	90	70	89	¾	100
Lee	50	50	62	55	42		17	30	71	30	1¼	100



**FARM AND FRUIT CROPS—Continued.**  
**Condition and Yield.**

COUNTIES.	TURNIP- AND OTHER ROOT CROPS.	FIELD PEAS.	FIELD BEANS.	APPLES.	PEACHES	PEARS.	PLUMS.	GRAPES.	BLACK- BERRIES	QUINCES	CLOVER.	
	Acreage compared with 1886.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Condition August 1, 1887.	Yield compared to an average.	Condition August 1, 1887.	Yield per acre in tons.	Quality compared to an average.
Livingston....	65	45	60	70	24			25	84	22	1	94
Logan.....				70	22	10	50	50	81	39	1 1/4	101
Macon.....				50	13		28	20	68	35	1 1/4	100
Macoupin....	73	60	70	80	31		55	60	79	38	1 3/4	101
Madison.....	100	90		90	15	10	25	85	72	57	1 3/4	100
Marion.....	65	50		50	23	15	60	100	80	75	1 3/4	75
Marshall....	40	30		45	35		22	30	83	25	1 1/2	93
Mason.....	80	10	10	20	35			20	67		1	100
Massac.....	120	100	105	70	70	90	70	155	100	110	1	100
McDonough...				50	12				100	40	1 1/2	100
McHenry.....	100	50	50	50	35		20	32	9	25	3/4	90
McLean.....				25	8		27	10	77	13	1 1/4	78
Menard.....					13		45	10	77	5	1 1/2	10
Mercer.....		75			28			40	93	32	1	83
Monroe.....												
Montgomery..	87	50	65	77	28	37	37	37	85	30	1 1/2	97
Morgan.....					22		55		88	40	2	100
Moultrie....	20	20			35		37	25	76	47	1 1/4	100
Ogle.....	105	40	50	40	38				87	50	1	100
Peoria.....	75			50	20			40	62	48	1	110
Perry.....	60	10		80	79	79	83	78	85	62	2	100
Piatt.....					37				85	25	1 1/4	95
Pike.....	100	100			25			50	85	50	1 3/4	92
Pope.....			85	85	78	95	87	100	95	105	2	98
Pulaski.....	85	70	50	50	86	99	74	102	110	112	1 1/2	100
Putnam.....					29		10		91	10	3/4	85
Randolph....					77	93	92	98	103	92	2	108
Richland....	97	82		88	42	38	49	50	55	53	1	83
Rock Island..	90			75	34			57	97	35	1	95
Saline.....	100	90	70	65	75	100	100	100	75	77	1	100
Sangamon....	110	100		100	13		22	20	62	38	1 1/2	100
Schuyler....	50		80	100	45		82	75	100	52	1 1/2	103
Scott.....					50		50		80	10	1 1/2	
Shelby.....	70	25	50	26	32	13	22	7	75	19	1 1/2	100
Stark.....	105	92			52			75	79	57	1	100
St. Clair....				80	60		70	60	90	85	2 3/4	90
Stephenson...	100	45	67	100	17			39	96	10	3/4	95
Tazewell....	80	25			21				92	10	1	83
Union.....	80	50			75	88	82	100	93	80	1 1/2	100
Vermilion...	100	80		80	17		50	75	92	10	1 1/2	100
Wabash.....	100	75		93	60	50	57	57	72	58	1 3/4	94
Warren.....	100	80		100	41		60	60	73	46	1	83
Washington...	60		60	40	60	77	83	100	68	75	3/4	100
Wayne.....	100	80	100	60	52	58	45	63	52	76	1 1/2	96
White.....	100	75			54	76	72	65	65	69	1 3/4	104
Whiteside...				100	17				85		3/4	75
Will.....	100		50	55	33		10	15	83	32	1	97
Williamson...	50	65	93	75	74	96	83	90	80	68	1 1/4	100
Winnebago...	53	45	40	32	24			15	103	37	1	107
Woodford....	62	40		32	43		10	25	43	45	1 1/2	100

## FLAX SEED.

COUNTIES.	Acreage 1887, returned by assessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel	Value of crop.	Cost of produc- tion per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Bureau .....	3	*8	24	*1 00	\$24	*9 70	\$29	.....	\$5
Champaign .....	352	*8	2,816	*1 00	2,816	10 55	3,714	.....	898
Christian .....	8	*8	64	*1 0	64	8 75	70	.....	6
Cook .....	556	*8	4,448	*9 10	4,448	9 10	5,060	.....	612
DeKalb .....	74	*8	592	*1 00	592	10 60	784	.....	192
DeWitt .....	3	*8	24	*1 00	24	*9 70	29	.....	5
DuPage .....	199	*8	1,592	*1 00	1,592	10 75	2,139	.....	547
Fayette .....	8	*8	64	*1 00	64	*9 70	78	.....	14
Ford .....	2,058	*8	16,464	*1 00	16,464	7 85	16,155	\$309	.....
Franklin .....	13	*8	104	*1 00	104	6 70	86	17	.....
Grundy .....	225	*8	1,800	*1 00	1,800	10 60	2,385	.....	585
Henry .....	32	*8	256	*1 00	256	11 25	360	.....	104
Iroquois .....	2,814	*8	25,512	*1 00	25,512	7 70	21,668	844	.....
Jasper .....	8	*8	64	*1 00	64	6 60	53	11	.....
JoDavies .....	5	*8	40	*1 00	40	10 85	54	.....	14
Lake .....	313	*8	3,144	*1 00	3,144	9 95	3,910	.....	766
Livingston .....	1,578	*8	12,624	*1 00	12,624	10 65	16,806	.....	4,182
Macon .....	32	*8	256	*1 00	256	9 30	298	.....	42
Marion .....	11	*8	88	*1 00	88	*9 70	107	.....	19
Piatt .....	73	*8	584	*1 00	584	10 00	730	.....	146
Sangamon .....	2	*8	16	*1 00	16	*9 70	19	.....	3
Vermilion .....	240	*8	1,920	*1 00	1,920	8 65	2,076	.....	156
Will .....	1,497	8	11,976	*1 00	11,976	9 10	13,623	.....	1,647
Total or average .....	10,184	8	81,472	\$1.00	\$81,472	\$8 85	\$90,234	\$1,181	\$9,943

\* Estimated.



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# MONTHLY WEATHER REVIEW

—OF THE—

ILLINOIS STATE WEATHER SERVICE,

—FOR—

JULY, 1887.

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

Illinois State Board of Agriculture.

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**CHARLES F. MILLS,**

*Secretary State Board of Agriculture.*

**ROBERT E. KERKAM,**

*Sergeant, Signal Corps, U. S. Army.*

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SPRINGFIELD:  
STATE JOURNAL PRINT.  
187.

# NAMES OF OBSERVERS REPORTING TO THE ILLINOIS STATE WEATHER SERVICE.

COUNTY.	OBSERVER.	POST OFFICE.	Eleva- tion, feet.	Latitude.	Longitude
Adams .....	Daniel E. Robbins .....	Payson .....	.....	39° 50'	91° 15'
Alexander ..	Corp'l C. L. Bozzell .....	Cairo .....	359	37°	89° 10'
Bond .....	M. S. Oudyn .....	Greenville .....	.....	38° 55'	89° 25'
Boone .....	E. L. Lawrence .....	Belvidere .....	.....	42° 14'	88° 50'
†Brown .....	C. F. Rickey, Ph. G. ....	Mt. Sterling .....	.....	40° 0'	90° 47'
Bureau .....	Dr. Ezra Stetson .....	Neponset .....	.....	41° 20'	89° 50'
Calhoun .....	.....	.....	.....	.....	.....
Carroll .....	George L. Beeler .....	Lanark .....	.....	42° 7'	89° 51'
Cass .....	W. W. Gailey, M. D. ....	Ashland .....	.....	39° 55'	90° 1'
Champaign ..	Hubert A. Burr .....	Philo .....	771	39° 59'	88° 8'
†Champaign ..	Dr. C. L. Myers .....	Mahomet .....	.....	40° 12'	88° 26'
Christian .....	J. K. Eberle .....	Pana .....	760	39° 25'	89° 7'
Clark .....	J. B. Sheapley .....	Martinsville .....	616	39° 21'	87° 54'
Clay .....	L. A. Michels .....	Flora .....	.....	38° 45'	88° 30'
Clinton .....	Wm. Rogan .....	Carlyle .....	.....	38° 40'	88° 30'
Coles .....	Wm. Dozier .....	Mattoon .....	724	39° 29'	88° 23'
*Cook .....	Serg't. Allen Buell .....	Chicago .....	661	41° 50'	87° 40'
Crawford .....	John E. Templeton .....	Palestine .....	.....	39° 2'	87° 37'
†Cumberland ..	Hon. S. F. Wilson .....	Neoga .....	.....	.....	.....
DeKalb .....	Roswell Dow .....	Sycamore .....	800	42°	88° 42'
DeWitt .....	.....	.....	.....	.....	.....
Douglas .....	Miss Mary Iles .....	Camargo .....	.....	39° 49'	88° 20'
†DuPage .....	Royal T. Morgan .....	Wheaton .....	.....	41° 53'	88° 5'
Edgar .....	Wilbur T. Cook .....	Paris .....	.....	39° 38'	87° 42'
Edwards .....	B. F. Michels .....	Albion .....	.....	38° 24'	88° 6'
Effingham ..	George Strong .....	Eberle .....	.....	38° 58'	88° 30'
Fayette .....	Jos. Urbani .....	Vandalia .....	.....	39°	89° 7'
Ford .....	Fr. Dienelt .....	Melvin .....	.....	40° 35'	88° 25'
Franklin .....	John McPherson .....	Benton .....	.....	38° 2'	88° 56'
Fulton .....	Miss Mary C. Bennett .....	Fairview .....	500	40° 38'	90° 10'
Gallatin .....	.....	.....	.....	.....	.....
Greene .....	P. J. Bates .....	White Hall .....	480	39° 27'	90° 25'
*Grundy .....	Geo. W. Bartlett .....	Morris .....	.....	41° 22'	88° 27'
Hamilton .....	Wm. P. Gibbs .....	McLeansboro .....	.....	38° 7'	88° 35'
Hancock .....	Pvt. Alpheus Byers .....	Keokuk, Iowa .....	618	40° 25'	91° 25'
†Hardin .....	J. S. Abbott .....	Elizabethtown .....	.....	37° 30'	88° 20'
Henderson ..	R. Hodson .....	Oquawka .....	.....	40° 57'	90° 58'
Henry .....	N. W. Thornton .....	Geneseo .....	.....	41° 30'	90° 15'
Iroquois .....	Henry Upsall .....	Watseka .....	640	40° 48'	87° 45'
*Jackson .....	Frank Hopkins .....	Makanda .....	765	37° 40'	89° 15'
†Jasper .....	John B. Harris .....	Newton .....	.....	39° 3'	88° 11'
Jefferson .....	.....	.....	.....	.....	.....
*Jersey .....	A. M. Cheney .....	Jerseyville .....	.....	39° 10'	90° 21'
*JoDaviess .....	Prof. Jacob Boss .....	Galena .....	.....	42° 25'	90° 32'
*Johnson .....	Martin T. Vancleve .....	Vienna .....	.....	37° 26'	88° 55'
Kane .....	M. M. Robbins, M.D. ....	Aurora .....	676	41° 47'	88° 8'
Kankakee .....	Dr. H. M. Bannister .....	Kankakee .....	.....	41° 57'	87° 55'
Kendall .....	J. C. Seely .....	Oswego .....	.....	41° 41'	88° 12'
Knox .....	T. A. Wetmore .....	Oneida .....	.....	41° 2'	90° 15'
*Lake .....	Dr. J. M. G. Carter .....	Waukegan .....	650	42° 21'	87° 50'
Lake .....	L. R. F. Griffin .....	Lake Forest .....	593	42° 16'	87° 50'
LaSalle .....	Dr. J. O. Harris .....	Ottawa .....	500	41° 20'	88° 52'
Lawrence .....	J. A. Fyffe .....	Sumner .....	.....	38° 45'	88° 52'
Lee .....	Matthias Schick .....	Prairieville .....	725	41° 50'	89° 38'

\* Failed to forward their reports in time to be included in the compilation of June Review.

† Late appointment.

‡ Report incomplete.

An observer is greatly desired in each of the counties left blank.



# NAMES OF OBSERVERS REPORTING TO THE ILLINOIS STATE WEATHER SERVICE—CONTINUED.

COUNTY.	OBSERVER.	POST OFFICE.	Eleva- tion, feet.	Latitude.	Longitude
Livingston..	Isaac Young.....	Pontiac.....	600	40° 54'	88° 40'
Logan.....	L. H. Sullivan.....	Beason.....		40° 10'	89° 14'
*Macon.....	Rev. N. M. Baker.....	Decatur.....		39° 52'	89° 57'
Macoupin....	A. C. Gish.....	Virden.....		39° 32'	89° 45'
Madison ...	J. L. R. Wadsworth, M. D..	Collinsville.....	600	38° 40'	90°
Marion.....	J. L. Hallam.....	Centralia.....	492	38° 33'	89° 10'
Marshall.....	Rev. A. C. Price.....	Lacon.....		41° 1'	89° 26'
*Mason.....	W. H. Williamson .....	Havana.....		40° 18'	90° 4'
*Mason.....	J. F. Culp.....	Mason City.....		40° 15'	89° 42'
*Massac.....	J. D. Young.....	Pellonia.....		37° 9'	88° 40'
*McDonough..	Lou W. Rost.....	Macomb.....			
McHenry.....	John W. James.....	Marengo .....	956	42° 12'	88° 36'
McHenry....	Geo. D. Silliman .....	Woodstock.....		42° 16'	88° 26'
*McLean.....	W. O. Davis.....	Bloomington.....		40° 29'	89° 2'
Menard.....					
Mercer.....	Tyler McWhorter.....	Aledo.....		41° 12'	90° 45'
†Monroe.....	S. F. Douglass.....	Renault .....		38° 11'	90° 8'
*Montgomery	J. W. Potts.....	Raymond .....		39° 20'	89° 38'
*Morgan.....	Philip J. Hasenstab.....	Jacksonville.....	664	39° 45'	90° 15'
Moultrie.....					
Ogle.....	Wm. Feary .....	Mt. Morris.....		42° 3'	89° 27'
Peoria.....	Dr. Fred. Brendel....	Peoria.....	490	40° 43'	89° 43'
Perry.....	W. B. Anderson.....	Three Mile.....	?	?	?
Piatt.....	J. W. C. Gray .....	Atwood.....	700	39° 49'	88° 30'
Pike.....	L. Eastman.....	Griggsville.....	650	39° 41'	90° 40'
Pike.....	M. J. Hassler.....	Louisiana, Mo.....		39° 10'	91° 18'
Pope.....	J. E. Y. Hanna.....	Golconda .....		37° 25'	88° 25'
Pulaski.....	Dr. B. C. Taber.....	Mound City.....		37° 7'	89° 11'
Putnam.....	A. T. Purviance.....	Hennepin.....		41° 12'	89° 21'
Randolph ..	W. J. S. Cathcart.....	Jordan's Grove...		38° 14'	89° 48'
Richland....	Chas. H. Fahs .....	Olney.....		38° 45'	88° 7'
Rock Island .	Serg't. R. R. Martin .....	Davenport, Iowa..	615	41° 30'	90° 35'
*Saline.....	Gregg & Grace.....	Harrisburg.....		37° 46'	88° 35'
Sangamon....	Serg't. John Craig.....	Springfield ...	644	39° 47'	89° 40'
Schuyler.....					
*Scott.....	Elihu Armitage.....	Exeter.....		?	?
Shelby.....	A. H. Hatch.....	Windsor.....		39° 30'	88° 35'
Stark.....	Edwin Butler.....	Toulon.....		41° 5'	89° 52'
St. Clair....	Serg't. G. A. Weber.....	St. Louis, Mo.....	571	38° 45'	90° 12'
St. Clair....	Dr. G. Leibrock.....	Mascoutah .....		38° 30'	89° 50'
Stephenson..	John Wright.....	Cedarville .....		42° 24'	89° 36'
Tazewell.....	Rev. J. E. Terborg .....	Pekin.....	465	40° 35'	90° 35'
Union.....					
Vermilion ..	W. R. Jewell.....	Danville.....		40° 10'	87° 36'
Vermilion ..	Miss C. Jean Trego .....	Hoopeston.....		40° 30'	87° 40'
Wabash.....	James Pool.....	Mt. Carmel.....		38° 27'	87° 50'
Warren.....	Prof. J. C. Hutchison.....	Monmouth.....	784	40° 54'	90° 39'
Washington .	A. G. Tucker.....	Richview.....	580	38° 20'	89° 10'
Wayne.....	Jacob Hall.....	Fairfield .....	530	38° 20'	88° 20'
White.....				38° 7'	88° 12'
Whiteside ..	Miss Maude Alexander.....	Sterling .....	550	41° 45'	89° 56'
Will.....	Miss Anna B. Nash .....	Joliet.....		41° 32'	88° 4'
*Williamson ..	Dr. J. J. Fly.....	Pulley's Mill.. ...	460	37° 38'	88° 59'
*Winnebago ..	J. W. Budlong.....	Rockford .....		42° 15'	89° 4'
Woodford....	Cassius C. Rogers.....	Minonk.....	660	40° 55'	89° 3'

\* Failed to forward their reports in time to be included in, the compilation of June Review.

† Late appointment.

An observer is greatly desired in each of the counties left blank.

# MONTHLY WEATHER REVIEW

OF THE

# ILLINOIS STATE WEATHER SERVICE

**SPRINGFIELD, JULY, 1887.**

*(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from 42° 30' to about 40° 31'; the Central Division extends from about 40° 31' to about 39°; the Southern Division from about 39° to 36° 51'.)*

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## INTRODUCTORY.

The month of July, 1887, was notable for its extreme heat, deficient rainfall, lack of cyclonic disturbances and consequent casualties.

The mean temperature, eighty degrees, was four degrees above the normal temperature for the month and is the highest mean temperature recorded in the past thirteen years. The maximum temperature, 110 degrees, was reported by a number of observers in the Northern Division of the State, and is six degrees above the highest July maximum temperature recorded in the past ten years. The minimum temperature of the month, forty degrees, (with light frost) was reported on A.M. of 4th, from DeKalb county, making the absolute range of temperature for the month seventy degrees, which is about fifteen degrees above the average monthly range for July. The extreme heated periods were from the 12th to 18th and 27th to 31st.

The rainfall was greatly deficient in the majority of the seventy counties reporting, twelve of which reported a total monthly rainfall of three inches and



above ; forty-eight reporting from one to three inches ; eight less than one inch, and two, Vermilion and Effingham, reported no rainfall.

General rains fell throughout the State from 1st to 3d, the amount deposited on these dates being greater than the total for the remainder of the month. The cool-wave of 22-3rd was accompanied by heavy local showers in sections of the Central and throughout the northern part of the Southern Division.

Owing to the long continued drouth in many sections the water supply is very scarce ; creeks and wells running dry that were never known to fail and stock suffering greatly in consequence.

The percentage of sunshine for the month was considerably above the July normal percentage as computed from the records of the past seven years. An average of only three cloudy days was reported from the Central Division. The prevailing winds were Southerly, and the average hourly velocity but six miles.

No violent cyclonic disturbances were reported.

ATMOSPHERIC PRESSURE.

(Inches and hundredths—corrected for temperature, instrumental error and elevation.)

STATION.	BAROMETRIC PRESSURE.				
	High- est.	Date.	Low- est.	Date.	Mean.
Lake Forest.....	30.11	23	29.61	9	29.861
Aurora .....	30.07	19	29.71	9	29.864
Prairieville.....	30.08	23	29.73	9	29.930
Watseka.....	30.11	24	29.72	9	29.994
Pekin.....	30.09	24	29.68	9	29.908
Philo .....	30.15	1	29.75	9	29.960
Springfield.....	30.13	25	29.81	9	29.973
Windsor.....	30.18	25	29.85	9	30.003
Vandalia.....	30.16	1	29.76	9	29.980
Richview.....	30.10	16	29.77	31	29.931

The average range of pressure as computed from twenty-one stations forwarding barometer readings, was 0.35; the average range for the Northern Division was 0.38; Central, 0.35, and Southern, 0.32.

The greatest monthly range reported from any station, was 0.50, from Lake Forest, and the least, 0.23, from Griggsville.

The absolute range of pressure for the State was 0.57.

TEMPERATURE OF THE AIR.

(Degrees, Fahrenheit.)

The mean temperature for July, 1887, 79°.8, is the highest July mean temperature recorded in past thirteen years, being 3°.5 above the normal for the month, and 0°.2 above the highest heretofore recorded, 79°.6, for July, 1878. The lowest July mean on record was 72°.1 in 1882.

The following are the most marked departures above the normal mean temperature for July:

ABOVE THE NORMAL.

County.	Place.	Deg.	County.	Place.	Deg.
McHenry.....	Riley.....	4.0	Coles.....	Mattoon.....	5.5
DeKalb.....	Sycamore.....	3.7	Shelby.....	Windsor.....	4.6
Woodford.....	Minonk.....	4.8	Madison.....	Collinsville.....	4.5
Peoria.....	Peoria.....	4.7	Clinton.....	Irishtown.....	3.4
Champaign.....	Philo.....	6.7	St. Clair.....	St. Louis, Mo.....	4.5
Pike.....	Louisiana, Mo.....	3.1	Pope.....	Golconda.....	3.2

The mean temperature of the Northern Division was 78°.5; Central, 80°.4, and Southern, 81°.0.

The highest monthly mean temperature reported was 84°.5, from Beason, and the lowest, 74°.9, from Lake Forest.

Table of maximum, minimum and mean temperatures of Illinois, for July:

TEMP.	JULY.													Av'r age.
	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	
Max. ....	.....	.....	....	104	102	100	104	97	99	98	104	104	110	.....
Min.....	.....	.....	.....	54	54	46	54	45	47	50	39	44	40	.....
Mean ....	73.9	76.0	74.2	79.6	78.3	75.5	78.8	72.1	74.7	73.8	78.2	77.1	79.8	76.3

The maximum temperature of the month, 110 degrees, was reported from Mt. Morris, on the 16th and 17th; Pontiac, on the 29th, and Oquawka, on the 17th. It is without precedent, as shown by the foregoing table, being 6 degrees above the maximum temperature recorded in July of 1878, 1881, 1885 and 1886.

There were but ten of the total number of counties reporting that recorded a maximum temperature of less than 100 degrees, the lowest of these, 95 degrees, was reported from Pana—being the 2 P. M. reading of the exposed thermometer on the 30th. (The maximum temperature of that day was therefore probably several degrees higher than the 2 P. M. reading.)

The minimum temperature reported during the month, 40 degrees, occurred at Sycamore on A. M. of 24th, during the passage of the cool wave of that date.

RANGE OF TEMPERATURE.

The mean daily range of temperature for the month, 22°.7, is about 5° above the normal for July, and 2°.4 above the record for July, 1886.

The mean daily range for the Northern Division was 23°.1; Central, 24°.1, and Southern, 20°.8.

The highest mean daily range reported was 31°.0, from Watseka.

The greatest daily range, 49°, was reported from Hennepin on the 27th.

The greatest monthly range reported was 66°, from Mt. Morris, and the absolute monthly range for the State, 70°



Table of mean maximum and mean minimum temperatures for July, 1887.—

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.		
STATIONS.	Temp.		STATIONS.	Temp.		STATIONS.	Temp.	
	Mean Maximum.	Mean Minimum.		Mean Maximum.	Mean Minimum.		Mean Maximum.	Mean Minimum.
Woodstock.....	89.8	64 0	Pekin.....	95.0	68.0	Vandalia .....	94.0	68.5
Prairieville... ..	86.4	66.5	Hoopeston.....	91.2	65.1	Greenville.....	94 7	68.1
Joliet .....	91.5	64.9	Philo .....	96.7	73 9	Collinsville.....	91.4	69.0
Kankakee.....	94.5	75.5	Ashland .....	91.0	60 3	Flora .....	94 0	68.0
Lacon.....	94.7	73.7	Springfield. ....	91.6	68.2	Centralia.....	96.0	70.4
Peoria.....	94.3	70.8	Griggsville .....	89.3	77.3	Richview .....	93.0	69.1
Monmouth.....	93 4	65.4	Louisiana, Mo.....	95 7	65.2	Jordan's Grove... ..	89.2	75.6
Watseka.....	94.6	60.2	Windsor. ....	95.5	67.8			
			Martinsville .....	91.0	75.0			
			White Hall.....	90.2	73.0			
Means.....	92.4	67.6	Means.....	92.7	69.4	Means. ....	93.2	69.8

PRECIPITATION.

(Inches and hundredths.)

General rains fell from the 1st to 3d, being particularly heavy in certain sections of the Northern Division, since which period, local showers predominated.

The average amount of rainfall for the State during the month, 2.09, was 1.05 below the July normal of past ten years, and excepting July, 1886, the least recorded in that period. The rainfall was badly distributed—Monmouth, Warren county, receiving 6.60 (the highest reported, and Hoopeston, Vermilion county, and Eberle, Effingham county, reporting none at all. (The areas receiving an average rainfall can not be defined without quoting the Table of Daily and Monthly Precipitation, which will be found in the latter part of the Review.)

The average rainfall for the Northern Division, 2.33, was 1.27 below the July normal for that section; for the Central Division, 1.65, was 0.93 below, and for the Southern Division 2.19, was 1.05 below.

The seasonal deficiency (March to July, 1887,) is 6.37, and the deficiency from October 1886, to July, 1887, inclusive, is 9.20 inches.

Table of average precipitation in inches and hundredths, for each Division and the State of Illinois for July:

TERRITORY.	JULY.										
	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	Aver- age.
Northern Division.....	2.88	5.29	3.37	3.74	3.71	4.55	5.97	3.27	0.87	2.33	3.60
Central Division .....	2.54	2.24	1.55	2.48	2.86	4.18	3.62	3 20	1.44	1.65	2.58
Southern Division.....	3.50	3.33	4.33	1.69	4.08	5.75	3.90	2.17	1.47	2.19	3.24
The State.....	2.97	3.62	3.08	2.64	3 55	4.83	4.50	2.80	1.27	2.09	3.14

*The following are the most marked departures from the normal rainfall for July:*

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	In-ches.	County.	Place.	In-ches.
Lake.....	Lake Forest .....	0 51	McHenry.....	Riley.....	1.10
Knox.....	Oneida .....	3.02	DeKalb .....	Sycamore .....	1.81
Adams.....	Payson .....	1.29	LaSalle.....	Ottawa.....	1.51
Pike.....	Griggsville... ..	0.82	Mercer.....	Aledo.....	1.46
Pike.....	Louisiana, Mo.....	0.68	Peoria .....	Peoria .....	1.05
Shelby .....	Windsor.....	0.68	Hancock.....	Keokuk, Iowa....	2.54
Clay.....	Flora.....	0.80	Champaign .....	Philo.....	1.54
Clinton .....	Irishtown.....	0.69	Sangamon.....	Springfield.....	1.09
Wabash .....	Mt. Carmel.....	1.95	Coles.....	Mattoon.....	1.40
Hamilton .....	McLeansboro.....	0.71	Christian.....	Pana.....	1.13
			Bond.....	Greenville .....	2.15
			St. Clair.....	St. Louis, Mo.....	1.10
			Pope.....	Golconda.....	2.54
			Alexander .....	Cairo.....	2.29

*The following are the stations reporting one inch or more rainfall in 24 hours, with amounts and dates—arranged according to latitude:*

Riley, 1.27 on 3d; Belvidere, 2.05 on 3d; Sycamore, 1.29 on 2d; Prairieville, 1.00 on 2d, and 1.00 on 17th; Joliet, 1.15 on 9th; Lacon, 1.35 on 2d; Peoria, 1.08 on 3d; Oneida, 2.75 on 3d, 1.00 on 9th, and 1.63 on 12th; Monmouth, 3.30 on 3d, and 1.10 on 28th; Pekin, 1.25 on 3d, and 1.00 on 4th; Fairview, 1.44 on 3d; Atwood, 1.05 on 21st; Payson, 1.62 on 1st; Pana, 1.25 on 7th; Greenville, 1.00 on 22d; Collinsville, 1.03 on 7th; Flora, 2.53 on 21st; Irishtown, 1.13 on 3d; Mascoutah, 3.40 on 3d; St. Louis, Mo., 1.07 on 7th; Mt. Carmel, 1.49 on 8th, and 1.19 on 23d; Fairfield, 1.58 on 22d; McLeansboro, 1.24 on 22d; Three Mile Prairie, 1.60 on 22d; Jordan's Grove, 1.13 on 22d; Mound City, 1.50 on 4th, and 1.07 on 4th.

HAIL.

Lanark, on 12th at 8:50 p.m. ; McLeansboro, on 18th; Oneida, on 12th; Atwood, on 21st.

RELATIVE HUMIDITY.

(Per cent.)

A dry atmosphere prevailed during the past month, the mean relative humidity, 66 per cent., being about 5 per cent. below the July normal, and the lowest on record.  
The highest percentage, 72, and the lowest, 57, were reported from the Southern Division; the former from Cairo, and the latter from St. Louis, Mo.

WIND.

The prevailing direction of the wind for the State was Southwest; for the Northern Division, South; Central, Southwest, and Southern, South.



The following is the wind data for July, as reported from stations having self-registering anemometers:

STATIONS.	WIND—Miles.		
	Total movement.	Av. hourly velocity.	Maximum hourly velocity—direction and date.
Prairieville.....	5,948	8.0	High—S.W. on 16th and 17th.
Watseka.....	3,801	5.1	21—N.W. on 18th.
Keokuk, Iowa.....	4,721	6.3	36—S. on 13th.
Springfield.....	4,535	6.1	24—S.W & N.E. on 13th, 21st and 28th.
Windsor.....	3,599	4.8	28—N.W. on 18th.
St. Louis, Mo.....	4,488	6.0	20—S. & S.W. on 3d, 18th and 21st.
Cairo.....	3,888	5.2	27—W. on 22.

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 times the number of days in the month.

DAYS CLEAR, FAIR, CLOUDY, ETC.

For the State, average number of days clear, 19; fair 8; cloudy 4, and 6 on which appreciable precipitation fell.

Northern Division: Clear 19; fair 7; cloudy 5, and 6 on which appreciable precipitation fell.

Central Division: Clear, 19; fair, 9; cloudy, 3, and 5 on which appreciable precipitation fell.

Southern Division: Clear, 19; fair, 9; cloudy, 3, and 6 on which appreciable precipitation fell.

The percentage of sunshine was reported 90 and above by a number of Observers at their respective stations. The percentage for the State, 74, was considerably above the normal for the month.

THUNDERSTORMS.

Payson, on 1st, 2d, 3d, 9th and 22d; Cairo, on 3d, 4th, 5th, 6th, 7th, 9th, 22d and 27th; Greenville, on 3d, 21st and 22d; Belvidere, on 1st, 2d, 3d, 12th and 18th; Lanark, on 12th, 28th and 30th; Philo, on 1st and 3d; Pana, on 2d, 3d, 6th, 7th, 14th and 21st; Martinsville, on 21st—one person killed; Flora, on 21st; Irishtown, on 3d; Mattoon, on 1st, 3d, 6th, 7th, 8th and 21st; Sycamore, on 1st, 2d, 3d, 9th, 17th and 18th; Paris, on 1st, 3d and 6th; Vandalia, on 7th; Melvin, on 1st, 2d, 6th, 9th, 13th, 21st and 29th; Fairview, on 1st and 2d; White Hall, on 3d, 12th, 20th, 21st and 28th; McLeansboro, on 2d, 5th, 6th, 7th, 9th, 14th, 18th, 21st, 22d and 31st; Keokuk, Iowa, on 9th, 12th, 13th, 20th and 21st; Watseka, on 1st, 3d, 9th, 21st and 29th; Aurora, on 2d, 4th and 9th; Kankakee, on 1st, 2d, 3d and 8th, and distant on 13th and 29th; Oneida, on 2d, 3d, 9th, 12th, 18th and 28th; Lake Forest, on 1st, 2d and 17th; Ottawa, on 14th and 17th; Prairieville, on 1st, 2d, 3d, 8th and 17th; Collinsville, on 1st, 3d, 6th, 7th, 16th, 18th, 19th, 20th, 21st and 22d; Centralia, on 5th, 6th, 7th, 21st, 22d and 23d; Riley, on 2d, 8th, 9th, 12th, 17th and 18th; Mt. Morris, on 2d, 12th, 17th and 30th; Peoria, on 2d, 21st, 22d and 27th; Atwood, on 1st, 3d, 7th, 8th, 9th, 13th and 21st; Louisiana, Mo., on 1st, 2d, 3d, 8th, 11th, 20th, 21st and 22d; Golconda, on 1st, 18th, 21st and 31st; Mound City, light, on 5th; Jordan's Grove, on 3d and 22d; Olney, on 1st, 3d, 6th, 7th, 8th, 9th, 15th, 18th, 21st and 22d; Windsor, on 1st, 3d, 6th, 7th, 8th and 21st; Mascoutah, on 1st, 2d, 3d, 5th, 6th, 7th, 20th and 21st; Cedarville, on 12th, 17th and 30th; Pekin, on 9th, 21st and 27th; Monmouth, on 1st, 3d, 11th, 13th and 17th; Richview, on 1st, 3d, 7th, 20th, 21st and 22d; Joliet, on 9th and 18th, and Minonk, on 3d.

## OPTICAL PHENOMENA.

## SOLAR HALOS.

Lanark, on 19th; Flora, on 29th and 31st; Riley, on 12th and 30th; Mt. Morris, on 5th; Atwood, on 8th; Louisiana, Mo., on 16th, 17th and 26th; Pekin, on 6th.

## LUNAR HALOS.

Melvin, on 30th; Oneida, on 26th; Beason, on 2d; Springfield, on 30th; Pekin, on 1st and 4th.

## PARHELIA.

Philo, on 6th; Windsor, on 27th; Pekin, on 28th.

## PARASELENES.

Windsor, on 5th.

## MISCELLANEOUS PHENOMENA.

## RED SUNSETS.

Flora, on 9th, 11th, 17th and 25th; Mt. Morris, on 4th, 6th, 8th, 14th, 19th and 27th; Pekin, on 6th, 10th, 22d, 25th and 29th.

## METEORS.

Pekin, on 15th.

## LUNAR RAINBOWS.

Mound City, on 5th.

## FROST.

Sycamore, light, reported on 24th.

## FOG.

Philo, dense, on 10th.

## LOCAL WIND-STORMS.

Lanark, on 30th, from 12.30 to 1 a.m.; Flora, on 21st; Three Mile Prairie, numerous whirlwinds from the west, and Minonk, on 17th.

## SUN SPOTS.

Mr. John W. James, Observer at Riley, McHenry county, reports as follows: "One



group came in sight on E. edge, 5th, on the sun's meridian 11th, and disappeared by the solar rotation 17th to 19th.

One new spot one day from W. edge, 7th. The large spot, around for the third time, on meridian, 8th, disappeared, 14th, reappearing on E. edge, 28th.

A new group  $3\frac{1}{2}$  days W. from meridian broke out 6°, on 7th. A large new group near W. edge, 27th, another new group on E. edge, 30th. No spots seen 19th to 27th."

## NEW OBSERVERS.

The Department desires to secure the assistance of an observer for each county in the State. There are doubtless parties in the counties not represented in this report by observers, who are giving attention to the science of meteorology. The attention of all interested in having the meteorological history of each county in the State preserved in the Monthly Weather Review of the Department, is invited to the importance of this work and an earnest invitation is extended to all to aid in completing the meteorological records of the State.

The services of observers are desired in the following counties and the residents thereof are respectfully requested to aid the Department in selecting persons likely to be interested in this work:

Calhoun, DeWitt, Gallatin, Jefferson, Menard, Moultrie, Schuyler and White.

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*The following Weekly Weather-Crop Bulletins have been issued from this office since May 21, 1887.*

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DEPARTMENT OF AGRICULTURE, }  
Springfield, May 21, 1887. }

The Illinois State Weather Service, at Springfield, Ill., has issued the following Weather-Crop Bulletin for the week ending, Saturday, May 21st, 1887.

The temperature and percentage of sunshine were above the average for the same period of nine years past in the Northern and Central Grand Divisions of the State, excepting in Bureau and Greene counties. The temperature was slightly above the average in the southeastern section, normal in the extreme southern, and slightly below in the southwestern section of the State. The sunshine was about the average percentage in the Southern Grand Division, except in St. Clair county, where a deficiency is reported.

A drouth prevailed in the Northern Division, and the rainfall is generally below the average except in the southwestern section, and Hamilton county, from whence an excess is reported.

Corn is in a very good condition throughout the State. Oats and grass are doing very well in the Central and Southern Divisions, but poorly in the Northern Division. Wheat is in a good condition in the central part of the State, but below an average condition in the northern and southern portions.

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DEPARTMENT OF AGRICULTURE, }  
Springfield, May 28, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of the weather upon the various crops during the week ending, May 28, 1887.

### TEMPERATURE.

A normal temperature prevailed in the northeastern and southern sections of the State,

The weather was slightly warmer than usual in the tri-angular section covered by a line drawn from Rock Island to Livingston to Hancock counties, and cooler elsewhere.

#### RAINFALL.

There was a general deficiency in the rainfall except in Boone, Kane and Knox counties, from whence moderately heavy local rains were reported, and the section covered by Iroquois, Shelby and Richland counties. No rainfall was reported from Lawrence and Franklin counties during the week.

#### SUNSHINE.

The percentage of sunshine was slightly above the average for the season—Effingham county alone reporting a deficiency.

#### CONDITION OF CROPS.

Corn is reported in a very good condition throughout the State. Cut-worms abound in certain localities, but no serious damage is anticipated therefrom. The oat crop is improving in the southern and western sections, but is reported less favorably from the north-eastern section. Wheat is at a standstill, being very good in the extreme northern and central portions of the State, and Pulaski county; fair in the north-central and southwestern sections, but very poor in the counties bordering on the Ohio river. Grass shows up well in the southern half of the State, but only fair in the northern half.

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DEPARTMENT OF AGRICULTURE, }  
Springfield, June 4, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of the weather upon the various crops during the week ending, June 4, 1887.

#### TEMPERATURE.

The weather has been considerably cooler than usual throughout the the State, Randolph county alone reporting a temperature above the average.

#### RAINFALL.

The rainfall continues deficient in the north-central section, although light rains fell almost daily, except in Henderson county, from whence no rain is reported. In other sections, except the extreme southern part, it appears to have been plentiful and well distributed. Christian county reported 1.25 inches on 31st.

#### SUNSHINE.

The percentage of sunshine has been generally below the average for the week; decidedly so in the Northern Grand Division; slightly below in the Central, and nearly an average in the Southern.

#### CONDITION OF CROPS.

Corn continues in a very good condition except in Clark, Madison, St. Clair and Hamilton counties, where a deficiency of sunshine and slight excess of rainfall are noted.

The condition of oats and grass lands continue very favorable in the western counties and southern half of the State, but unfavorable in the north-central section.

The condition of wheat is reported favorable in the western and central sections, but below an average condition elsewhere.

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DEPARTMENT OF AGRICULTURE, }  
Springfield, June 11, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of the weather upon the various crops during the week ending, June 11, 1887.

#### TEMPERATURE.

The weather has been slightly warmer than usual throughout the State, excepting in the



eastern and western sections of the Central Grand Division, where it was reported as slightly cooler.

#### RAINFALL.

A general excess of rainfall is reported in the southern half of the State, and a slight deficiency in the northern half.

#### SUNSHINE.

The percentage of sunshine was below the average in the central portion of the northern half of the State; slightly above in the southwestern section, and normal elsewhere.

#### CONDITION OF CROPS.

All crops were very favorably affected by the climatic conditions of the past week.

Corn continues in a very good condition except in Clinton county, where it is reported that chinch-bugs are doing considerable damage.

The oat crop is reported in a very good condition in the Central and Southern Grand Divisions, and as improving in appearance in the Northern Division.

The condition of wheat is reported as excellent in the Central Division; improving in the Northern Division, with no apparent change in the Southern Division, in the extreme southern part of which harvesting has commenced.

Grass lands are in a good condition in the Central and Southern Divisions, but continue very poor in the central part of the Northern Division.

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DEPARTMENT OF AGRICULTURE, }  
Springfield, June 18, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of the weather upon the various crops during the week ending, June 18th, 1887.

#### TEMPERATURE.

The temperature averaged about five degrees warmer than usual throughout the State. The highest being reported from the section north of Clay county.

#### RAINFALL.

There has been a general deficiency of rainfall in all sections; the majority of the counties reporting 'No rain during the past week.' Gallatin county and the eastern part of Mercer county alone received copious showers.

#### SUNSHINE.

The percentage of sunshine was greatly in excess of the average for the corresponding period of past nine years, the majority of observers reporting clear weather daily.

#### CONDITION OF CROPS.

Corn is in very good condition throughout the State, although not quite as promising in appearance as on last Saturday.

Oats, wheat and meadows are suffering from lack of moisture, and their condition in the northern half of the State is very poor. Their condition in the southern half of the State is not as good as reported a week ago, but harvesting being in progress, the drouth will not materially affect the yield.

Wheat harvesting has advanced as far north as Sangamon county, and oat harvesting has commenced in the extreme southern counties. Chinch-bugs continue to damage the crops in St. Clair, Washington and other southern counties.

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DEPARTMENT OF AGRICULTURE, }  
Springfield, June 25, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of

the weather upon the various crops during the week ending, June 25, 1887.

#### TEMPERATURE.

The temperature was considerably above the nine years average for the 20th and 21st; about the average for the 22d, and below the average since that date, making the average for the week a trifle below the normal weekly average. Its effect upon the various crops has been favorable, if the first two days are excepted.

#### RAINFALL.

The drouth continues throughout the entire State. The greatest rainfalls for the week (and they were below the average) were reported from Lake, McHenry and Stephenson counties. Light showers occurred in a few other localities, but the major portion of the State is suffering from a continued drouth of from fourteen to twenty days duration. Corn, oats, potatoes and pasture lands are in a precarious condition, owing to this great deficiency of moisture, but will probably be relieved somewhat by the local rains predicted for to-day and to-morrow.

#### SUNSHINE.

The sunshine averaged 70 per cent for the State, and has been favorable for ripening small grain, and harvesting of wheat and rye, that has advanced as far north as the 42d parallel. Its effect on corn was unfavorable, owing to the dry condition of the soil.

#### CONDITION OF CROPS.

Considering the long continued drouth, the condition of corn is very good in the northern and central sections of the State, but less favorably appearing in the southern section.

Oats are below an average condition except in the Central, and northern part of the Southern Grand Divisions. This crop is being cut rather green in Marion county, owing to chinch-bugs, and observers in Kendall and Stephenson counties report the crop as not worth harvesting.

The yield of wheat is greater than anticipated in the sections harvested, but will be below the average yield in the northern counties.

Pasture lands are in an average condition in the section from Pike to Clinton counties, but below elsewhere. Reports from the northern counties state that not one-half of a hay crop will be harvested.

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DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, July 2, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of the weather upon the various crops for the week ending July 2, 1887:

#### TEMPERATURE.

The temperature for the past week was generally above the normal in the northern half, and about the normal in the southern half of the State. The western counties, bordering on the Mississippi river, alone report the temperature slightly below the normal.

#### RAINFALL.

The drouth continues throughout the State except in sections of the Southern Grand Division where the rainfall for the week was reported about the average. The counties reporting an average weekly rainfall (about one inch) are Madison, Marion, Franklin and Saline. No rainfall is reported from the majority of the counties in the State. Local showers are predicted for to-day.

#### SUNSHINE.

The percentage of sunshine was considerably above the normal for the week, except south of the 39th parallel, where it was slightly below.

#### CONDITION OF CROPS.

The drouth has injured all crops; but the corn is holding out very well, and is to-day re-



ported up to an average in condition throughout the State, except in Kendall county, where it is reported as greatly in need of rain. In the section covered by Madison, Effingham, and Wayne to Randolph counties, the chinch-bugs are doing an immense amount of damage to the corn. The observers in Clinton county report that the corn crop in that section is doomed unless something is done to stop the ravages of the chinch-bugs, and in Effingham county, that the bugs have already reduced the prospects for an average crop over 25 per cent.

Oats are much below an average in condition in the Northern Grand Division, except in the counties bordering on the Mississippi river; fair condition in the Central, and up to an average in the Southern Division.

The wheat crop is nearly all harvested and the yield by divisions as follows (considering 100 an average yield): Northern, 90; Central, 100, and southern, 95.

Pastures have suffered greatly from the general deficiency of rainfall. In the northern part of the State they will not average fifty per cent. of an average yield; central, about ninety per cent., and southern, ninety-five per cent.

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DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, July 9, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of the weather upon the various crops for the week ending Saturday, July 9, 1887:

#### TEMPERATURE.

The temperature of the past week has been about the average for the corresponding period of the past ten years, except in the counties south of the 41st parallel bordering on the Mississippi river, where it was reported as slightly below the average.

#### RAINFALL.

Local rains are reported from all sections of the State; the various amounts ranging from one-fourth to two and one-fourth inches, the greater amount being reported from the extreme northern counties.

#### SUNSHINE.

The percentage of sunshine for the State was about the average for the corresponding period of the past ten years.

#### CONDITION OF CROPS.

Corn is in an excellent condition in the Northern and Central Divisions except in Shelby county, where the chinch-bugs are reported as doing great damage to this crop. It is in a fair condition only in the Southern Grand Division owing to the continued ravages of the chinch-bugs. About two-thirds of the oat crop has been harvested, the yield being light in the Northern, nearly an average in the Central and slightly above an average in the Southern Grand Division.

Latest advices from the Southern Grand Division state that the wheat crop will not make more than 75 per cent. of an average yield per acre.

Pasture lands are in a fair condition in the Southern, but greatly deficient in the Northern and Central Divisions.

More rain is needed in all sections of the State to improve crops.

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DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, July 16, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of the weather upon the various crops for the week ending July 16, 1887:

#### TEMPERATURE.

The temperature of the past week has been above the normal for the corresponding

period of the past ten years, except in Randolph county where it was reported as slightly below the normal.

#### RAINFALL.

Local showers during the past week have improved the appearance of crops in certain sections, but the majority of the observers report a great lack of seasonable rainfall. The deficiency is greatest in the section bounded by a line drawn from Putnam to Pike to Saline to Livingston counties, except in Christian, Edwards and Wabash counties from whence an average weekly rainfall is reported.

Knox county alone reported rainfall above the average for the week.

The rainfall reported was purely local, consequently there are many localities that have had no moisture since the 3d inst., the date of the last general rainfall throughout the State.

#### SUNSHINE.

The percentage of sunshine has been in excess of the normal during the past week. In the few counties reporting an average rainfall there has been a normal amount of sunshine.

#### CONDITION OF CROPS.

Corn has improved somewhat in appearance in the sections visited by showers, but unless there is more rain soon the crop will be seriously damaged. In the section from Livingston to Kendall county the condition of corn is reported as promising only from 50 to 75 per cent. of an average yield. In the other counties of the Northern Grand Division corn is in more promising condition but needs more rain. In the Central and Southern Grand Divisions the condition of corn is between 90 and 95 per cent. of an average.

The oat crop is nearly all harvested and the yield will be light in the Northern, fair in the Central and slightly above an average in the Southern Divisions.

Pasture lands are in very poor condition in the Northern, and but little better in the Central and below an average in the Southern Division.

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DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, July 23, 1887. }

The Illinois State Weather Service furnishes the following data concerning the effect of the weather upon the various crops during the week ending July 23, 1887, as reported to the Department of Agriculture at Springfield:

#### TEMPERATURE.

The temperature was above the normal of the corresponding week during the past ten years in all the counties reporting except in the counties of Carroll, Kane, Kendall, Lee, Fulton and Cass.

#### RAINFALL.

Rainfall above the normal was reported in but three counties, viz: Winnebago, Carroll and Rock Island; normal in counties of Lee, Sangamon, Washington, Hamilton and Wabash; none in counties of Fulton, Schuyler, Fayette, Marion and Pulaski, and a general deficiency in the remaining counties.

#### SUNSHINE.

Excessive sunshine is reported from nearly all counties in the State,—Carroll county alone reporting a slight deficiency.

#### CONDITION OF CROPS.

The condition of corn is reported as up to or above an average in all the northern counties except Putnam and Marshall in which there will not be over three-fourths of an average yield per acre. In the central division the prospects are encouraging for nearly an average yield per acre in the counties of Pike, Brown, Cass, Sangamon and Christian. In Champaign, Douglas and Schuyler there will be from one-half to three-fourths of an average yield per acre. The most discouraging reports concerning the condition of corn come from the southern division. In Bond, Hamilton, Edwards, Wabash, Pulaski and Pope counties the



condition of corn gives encouragement for nearly an average yield per acre. In the remaining southern counties about half an average yield is predicted.

The counties in which the condition of potatoes is reported up to an average are the exceptions. In the northeastern portion of the State from one-fourth to three-fourths of an average yield per acre is predicted. In the central counties excepting the counties of Brown, Pike and Green, in which from three-fourths to an average yield may be expected, the yield per acre of potatoes will be from 10 to 50 per cent. of an average yield. In only three of the southern counties, Pope, Edwards and Hamilton, is the condition of this crop up to an average. Prospects are favorable for nearly an average yield per acre in the counties of Bond and Montgomery. In the remaining counties there will be from 40 to 85 per cent. of an average yield per acre.

There will be nearly an average crop of apples in the counties of Rock Island, Bond, Hamilton, Edwards and Pulaski. The prospects are very discouraging for even one-fourth of an average crop in the counties on the Illinois river. In the counties in the southeastern portion of the State except those above named there will be almost an entire failure of the apple crop.

There is general complaint of the poor condition of pastures which, owing to the protracted dry weather, are not returning half an average yield in the majority of the counties in the State.

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DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, July 30, 1887. }

The observers of the Illinois Weather Service have made the following report to the State Board of Agriculture at Springfield concerning the effect of the weather upon the various crops during the week ending July 30, 1887:

#### TEMPERATURE.

The temperature during the past week has been above the normal for the corresponding week in all portions of the State except in Knox county where the heat has been up to the average for the season.

#### RAINFALL.

There is quite a general complaint of continued scarcity of rain and the absence of seasonable showers. An average weekly rainfall is reported from only four counties, Knox, Washington, Wayne and Wabash. In nearly half of the counties from which reports have been received no rain has fallen during the past week, and in the remaining counties less than an average rainfall is reported.

#### SUNSHINE.

In all the counties except Wabash the percentage of sunshine during the past week is reported as above the average for the corresponding week during the past ten years.

#### CONDITION OF CROPS.

The condition of the growing crops has been quite seriously affected during the past week by the drouth and the prospects for corn are quite discouraging in the majority of the counties from which reports have been received. In the following counties there will be less than half an average yield per acre: DeKalb, Will, Putnam, Ford, Macon, Coles, Clark, Cumberland, Shelby, Montgomery, Fayette, Crawford, Marion, St. Clair, Washington and Randolph. From two-thirds to an average yield of corn is predicted for the counties of Stephenson, Stark, Woodford, Livingston, Fulton, Schuyler, Sangamon, Christian, Greene, Bond, Clay,

Richland, Wabash, Franklin and Massac. The condition of corn gives encouragement for an average yield per acre of corn in the counties of Lake, McHenry, Ogle, Lee, DuPage, Rock Island, Henderson, Cass, Edgar, Perry, Hamilton, Saline and Massac.

*Irish potatoes.* The continued scarcity of rainfall is rapidly reducing the prospects for over half an average yield per acre of this crop. There will be nearly an average yield per acre of potatoes in the counties of Stark, Henderson and Randolph, and from 50 to 75 per cent. of an average yield in the counties of Ogle, DeKalb, DuPage, Woodford, Cass, Sangamon, Christian, Montgomery, Bond, St. Clair, Washington, Massac, Franklin, Hamilton, Saline and Richland. In the counties of Will, LaSalle, Putnam, Livingston, Ford, Fulton, Macon, Douglas, Edgar, Coles, Shelby, Fayette and Crawford counties there will be less than half an average yield per acre.

Pastures are in poor condition and there is general complaint that pastures are dried up. The most encouraging reports concerning pastures come from the following counties where the condition is as noted: Rock Island, 90; Henderson, 95; Knox, 75; Sangamon, 75; Cumberland, 70; Hamilton, 80; Saline, 95; Massac, 90, and Franklin, 80.

*Fruit.* The reports concerning the fruit prospects are anything but flattering and the counties in which there will be three-fourths of an average crop of apples are the exception and are as follows: Richland, Wayne, Clay, Randolph, Franklin, Saline and Massac.

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DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, August 6, 1887. }

The observers of the Illinois Weather Service have made the following report to the State Board of Agriculture at Springfield, concerning the weather and its effect upon the growing crops for the week ending August 6, 1887:

#### TEMPERATURE.

The temperature during the past week in all portions of the State has been much above the normal as compared with corresponding weeks during the past ten years.

#### RAINFALL.

Only in six counties is an average seasonable rainfall reported during the past week, viz: Ogle, Livingston, Shelby, Montgomery, Fayette and Wabash. Slight local rains have fallen in the following counties during the past week, viz: Stephenson, Carroll, Rock Island, Kendall, Marshall, Schuyler, Piatt, Champaign, Sangamon, Clark, Cumberland, Effingham, Fayette, Madison, St. Clair, Clay, Edwards, Randolph, Perry, Franklin and Pulaski. The majority of the other counties not named above from which reports have been received report no rain since July 30, 1887. It will be seen that the drouth continues with increased severity in the majority of the counties. The only county in which good rains have fallen is Edgar county.

#### SUNSHINE.

The percentage of sunshine during the past week has been above the normal in all the counties from which reports have been received.

#### CONDITION OF CROPS.

The prospects for the growing crops are not as favorable as last week and the continued dry weather has largely reduced the outlook for corn, and the counties in which more than half an average yield per acre may be expected are the exception. In a number of counties the corn has been so seriously damaged by the dry weather as to give little encouragement for even a small yield per acre, and the stalks are being cut and fed to stock for fodder. In several counties "almost a failure" of the corn crop is predicted. The lack of pasturage in



the counties from which scarcity of rain is reported, has made it necessary to feed the stock hay and corn fodder. The most cheering prospects concerning corn are reported in the counties of Stephenson, Carroll, Ogle, Rock Island, Perry, Edwards, Wabash and Pulaski. The prospects are less favorable for corn than elsewhere in the State in the counties of Clark, Crawford, Cumberland, Effingham, Fayette, Livingston, Montgomery, St. Clair, Randolph, Madison and Bond.

The yield per acre of Irish potatoes has been greatly reduced by the dry weather and less than three-fourths of an average yield per acre will be harvested in all the counties reporting except the following in which the prospects are as noted: Ogle, 75; Rock Island, 90; Pike, 80; Randolph, 75; Perry, 80; Edwards and Wabash, 90. In a number of counties there will not be to exceed 10 per cent. of an average yield per acre of Irish potatoes.

The counties in which there will be three-fourths of an average yield of apples are the exception and in which the condition is reported as follows: Champaign, Wayne, Randolph and Franklin, 75; Edwards, 90, and Pulaski, 80. The reports of "poor prospects" and "failure" of the apple crop are not exceptional.

The condition of pastures are even more discouraging than at date of last weekly report. In a number of counties pastures are reported "dried up," "none," "poor," burned out," etc., and in only four of the counties reporting is the condition up to 75 per cent. of an average. The reports of pastures having been burnt over by fire are frequent.

## REMARKS.

## METEOROLOGICAL OBSERVERS.

## MONTH OF JULY, 1887.

ADAMS COUNTY—DANIEL E. ROBBINS, Observer, Payson. Highest temperature, 103°, on the 28th; lowest, 32°, on the 24th; range, 41°; greatest daily range, 32°, on the 20th; least daily, 10°, on the 3d and 22d; mean daily, 23°.3. The mean temperature of the month, 80°.1, was 0°.1 above the July normal for the past two years. The precipitation, 2.66 inches, was 1.29 inches above the July normal for the past two years, falling on five days, viz: 1st, 2d, 3d, 9th and 22d. Prevailing direction of the wind, S.W.; maximum velocity, fresh, N.W., on the 4th and 9th. There were 19 clear, 10 fair and 2 cloudy days. Thunderstorms on the 1st, 2d, 3d, 9th and 22d.

ALEXANDER COUNTY—C. L. BOZZELL, Corporal, Signal Corps, U. S. Army, Cairo. Highest actual barometer, 29.77, on the 16th and 17th; lowest, 29.46, on the 22d; mean, 29.620; range, 0.31. Highest temperature, 97°.5, on the 30th; lowest, 66°.2, on the 8th; range, 31°.3; greatest daily range, 22°.9, on the 12th; least daily, 10°.2, on the 16th; mean daily, 17°.3. The mean temperature of the month, 80°.5, was 1°.0 above the July normal for the past seventeen years. The precipitation, 1.42 inches, was 2.29 inches below the July normal for the past seventeen years, falling on nine days, viz: 1st, 2d, 3d, 4th, 5th, 6th, 22d, 27th and 29th. Mean dew-point, 69°.3. Mean relative humidity, 72 per cent. Prevailing direction of the wind, S.W.; total movement, 3,888 miles; maximum velocity, 27 miles per hour, W., on the 22d. There were 15 clear, 13 fair and 3 cloudy days. Thunderstorms on the 3d, 4th, 5th, 6th, 7th, 9th, 22d, 27th, 28th and 31st.

BOND COUNTY—M. S. OUDYN, Ph. G., Observer, Greenville. Highest temperature, 104°, on the 30th; lowest, 60°, on the 24th; range, 44°; mean maximum, 94°.7; mean minimum, 68°.1; greatest daily range, 34°, on the 28th and 29th; least daily, 17°, on the 1st; mean daily, 22°.6. The mean temperature of

the month, 80°.2 was 1°.3 above the July normal for the past ten years. The precipitation, 2.21 inches, was 2.15 inches below the July normal for the past ten years, falling on five days, viz: 1st, 3d, 14th, 21st and 22d. Prevailing direction of the wind, S.; maximum velocity, brisk. There were 19 clear, 10 fair and 2 cloudy days. Thunderstorms on the 3d, 21st and 22d.

BOONE COUNTY—E. L. LAWRENCE, Observer, Belvidere. Highest temperature, 100°, on the 16th; lowest, 60°, on the 23d; range, 40°. The mean temperature of the month was 76°.7. The precipitation was 4.14 inches, and fell on six days, viz: 1st, 3d, 4th, 12th, 18th and 30th. Prevailing direction of the wind, S.W.; maximum velocity, fresh, S.W., on the 1st. There were 18 clear, 10 fair and 3 cloudy days. Thunderstorms on the 1st, 2d, 3d, 12th and 18th.

BUREAU COUNTY—DR. EZRA STETSON, Observer, Neponset. Highest temperature, 102°, on the 17th; lowest, 49°, on the 24th; range, 53°. The precipitation was 1.39 inches and fell on eight days, viz: 1st, 2d, 3d, 4th, 9th, 18th, 29th and 30th. Prevailing direction of the wind, N.E.; maximum velocity, brisk. There were 16 clear, 10 fair and 5 cloudy days. The hot S.W. winds of the 16th and 17th effectually cooked our corn. Instead of drying up at the ground as is usual in drouth, the tassels and blades at the top were whitened out and the growth checked beyond redemption.

CARROLL COUNTY—GEO. L. BEELER, Observer, Lanark. Highest temperature, 99°, on the 17th; lowest, 57°, on the 23d; range, 42°. The mean temperature of the month was 80°.7. The precipitation was 3.81 inches, and fell on nine days, viz: 1st, 2d, 3d, 9th, 12th, 17th, 21st, 28th and 30th. Prevailing direction of the wind, S. There were 19 clear, 7 fair and 5 cloudy days. Thunder-



storms on the 12th, 28th and 30th. Hail on 12th, 8.50 P.M. Solar halo on the 19th, 3 P.M. Wind storm on 30th, 12.30—1 A.M.

**CASS COUNTY**—W. W. GAILEY, M. D., Observer, Ashland. (Observations began July 5th.) Highest temperature, 102°, on the 29th; lowest, 48°, on the 10th; range, 54°; mean maximum, 91°.0; mean minimum, 60°.3; greatest daily range, 44°.5, on the 11th; least daily, 11°.5, on the 5th; mean daily, 30°.2. The mean temperature of the month was 80°.2. The precipitation was 0.20 of an inch, and fell on July 6th. Prevailing direction of the wind, S.W.; maximum velocity, brisk. There were 13 clear and 14 fair days.

**CHAMPAIGN COUNTY**—HUBERT A. BERR, Observer, Philo. Highest barometer, 30.15, on the 1st; lowest, 29.75, on the 9th; range 0.40; mean, 29.960. Highest temperature, 108°, on the 13th; lowest, 50°, on the 24th; range, 58°; mean maximum, 96°.7; mean minimum, 73°.9; greatest daily range, 40°, on the 25th; least daily, 11°, on the 4th; mean daily, 23°.4. The mean temperature of the month, 83°.0, was 6°.7 above the July normal for the past two years. The precipitation, 0.98 of an inch, was 1.54 inches below the July normal for the past three years, falling on three days, viz: 1st, 3d and 21st. Prevailing direction of the wind, S.E.; maximum velocity, 15 miles per hour, S, on the 3d. There were 22 clear, 9 fair and 0 cloudy days. Thunderstorms on the 1st and 3d. Sun dogs on the 6th. Rainbow on the 8th and 9th. Dense fog on the 10th.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Highest temperature, 95°, on the 30th; lowest, 62°, on the 23d; range, 33°. The mean temperature of the month, 75°.6, was 1°.3 above the July normal for the past three years. The precipitation, 3.05 inches, was 1.13 inches below the July normal for the past five years, falling on six days, viz: 2d, 3d, 6th, 7th, 14th and 21st. Prevailing direction of the wind, S.W.; maximum velocity, strong, S.W., on the 16th. There were 20 clear, 9 fair and 2 cloudy days. Thunderstorms on the 2d, 3d, 6th, 7th, 14th, 21st and 22d.

**CLARK COUNTY**—J. B. SHEAPLEY, Observer, Martinsville. Highest actual barometer, 29.50, on the 1st; lowest, 29.20, on the 9th; range, 0.30; mean, 29.408. Highest temperature, 106°, on the 30th; lowest, 65°, on the 10th; range, 41°; mean maximum, 91°.0; mean minimum, 75°.0; greatest daily range, 27°, on the 10th; least daily, 12°, on the 2d. The mean temperature of the month was 82°.0. The precipitation was 2.54 inches, and fell on nine days, viz: 1st, 2d, 3d, 4th, 7th, 18th, 21st, 22d and 30th. Prevailing direction of the wind, W.; maximum velocity, 20 miles per hour, on the 21st. There were 21 clear, 6 fair and 4 cloudy days. Thunderstorm on the 21st—a girl killed.

**CLAY COUNTY**—L. A. MICHELS, Observer, Flora. Highest temperature, 102°, on the 18th; lowest, 60°, on the 11th and 25th; range, 42°; mean maximum, 94°.0; mean minimum, 68°.0; greatest daily range, 32°, on the 12th; least daily, 17°, on the 22d; mean daily, 26°.0. The mean temperature of the month, 79°.0, was 1°.5 above the July normal for the past two years. The precipitation, 3.48 inches, was 0.80 of an inch above the July normal for the past two years, falling

on nine days, viz: 1st, 2d, 3d, 5th, 6th, 7th, 21st, 22d and 30th. Prevailing direction of the wind, S. There were 24 clear, 4 fair and 3 cloudy days. Thunderstorm on the 21st, with strong wind from N. and N.W., lasting 30 minutes; rainfall, 2.53 inches. Solar halos on the 29th and 31st. Rainbow on 7th, at 7.10 P.M. Red sunsets on 9th, 11th, 17th and 25th. Temperature of water in the well, 56°, on 18th. There was thunder on several days, but no storm except as above.

**CLINTON COUNTY**—WM. ROGAN, Observer, Irishtown. Highest temperature, 104°, on the 18th, 29th and 30th; lowest, 72°, on the 25th; range, 32°; greatest daily range, 23°, on the 27th, 28th and 29th; least daily, 5°, on the 1st. The mean temperature of the month, 82°.3, was 3°.4 above the July normal for the past three years. The precipitation, 2.02 inches, was 0.69 of an inch above the July normal for the past three years, falling on seven days, viz: 1st, 3d, 7th, 21st, 22d, 28th and 30th. Prevailing direction of the wind, S. There were 28 clear and 3 cloudy days. Thunderstorm on the 3d. There were 10 days in July on which the thermometer registered 100° or over, viz: 12th, 13th, 16th, 17th, 18th, 27th, 28th, 29th, 30th and 31st.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Highest temperature, 108°.5, on the 30th; lowest, 62°, on the 26th; range, 46°.5. The mean temperature of the month, 81°.5, was 5°.5 above the July normal for the past eight years. The precipitation, 1.30 inches, was 1.40 inches below the July normal for the past eight years, falling on eight days, viz: 1st, 2d, 3d, 4th, 7th, 20th, 21st and 22d. Prevailing direction of the wind, S.; maximum velocity, fresh. There were 22 clear and 9 fair days. Thunderstorms on the 1st, 3d, 6th, 7th, 8th and 21st. Severe drouth, vegetation nearly all killed; could not stand the excessive heat with such a small amount of moisture.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Highest temperature, 105°, on the 30th; lowest, 68°, on the 25th; range, 37°; greatest daily range, 23°, on the 23d; least daily, 10°, on the 3d, 4th and 5th; mean daily, 16°.5. The mean temperature of the month, 83°.5, was 6°.0 above the July normal for the past six years. The precipitation, 1.59 inches, was 1.95 inches below the July normal for the past six years, falling on four days, viz: 7th, 8th, 18th and 21st. Prevailing direction of the wind, S.W. There were 24 clear, 6 fair and 1 cloudy days. Thunderstorm on 17th at 7:30 p.m.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature, 100°.8, on the 16th; lowest, 40°, on the 24th; range, 60°.8; greatest daily range, 27°.6, on the 26th; least daily, 7°.5, on the 3d. The mean temperature of the month, 75°.0, was 3°.7 above the July normal for the past seven years. The precipitation, 3.12 inches, was 1.81 inches below the July normal for the past seven years, falling on seven days, viz: 1st, 2d, 3d, 9th, 17th, 18th and 30th. Prevailing direction of the wind, N.E. and S.W.; maximum velocity, 20 miles per hour, on the 12th, 17th and 23d. There were 19 clear, 9 fair and 3 cloudy days. Thunderstorms on the 1st, 2d, 3d, 9th, 17th and 18th. Light frost reported on the 24th. Katydid first heard on the 19th.



**DOUGLAS COUNTY**—MISS MARY ILES, Observer, Camargo. Highest temperature, 101°, on the 17th; lowest, 68°, on the 23d and 24th; range, 33°. Precipitation fell on five days, viz: 1st, 3d, 4th, 20th and 21st. Prevailing direction of the wind, S.; maximum velocity, brisk. There were five clear, 22 fair and 4 cloudy days.

**EDGAR COUNTY**—WILBUR T. COOK, Observer, Paris. Highest temperature, 100°, on the 30th; lowest, 66°, on the 29th; range, 34°. The mean temperature of the month was 79°.6. The precipitation was 0.81 of an inch, and fell on five days, viz: 1st, 3d, 6th, 8th and 21st. Prevailing direction of the wind, S.E.; maximum velocity, gale, N.W., on the 18th. There were 19 clear, 8 fair and 4 cloudy days. Thunderstorms on the 1st, 3d and 6th.

**EDWARDS COUNTY**—B. F. MICHELS, Observer, Albion. Highest temperature, 108°, on the 18th; lowest, 66°, on the 25th; range, 42°; greatest daily range, 30°, on the 7th, 28th, 29th and 30th; least daily, 1°, on the 14th. The mean temperature of the month was 80°.6. The precipitation was 3.96 inches, and fell on six days, viz: 1st, 4th, 7th, 8th, 14th and 22d. Prevailing direction of the wind, S.W.; maximum velocity, gentle, on the 9th, 19th and 21st. There were 21 clear, 4 fair and 6 cloudy days. Thunderstorms on the 1st, 18th and 21st. Parhelia on 1st and 18th (Received too late to be included in compilation of tables.)

**EFFINGHAM COUNTY**—GEORGE STRONG, Observer, Eberle. Highest temperature, 103°.5, on the 31st; lowest, 59°, on the 7th; range, 44°.5. No rain fell during the month.

**FAYETTE COUNTY**—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.16, on the 1st; lowest, 29.76, on the 9th; mean, 29.980; range, 0.40. Highest temperature, 102°, on the 17th, 29th and 30th; lowest, 60°, on the 25th; range, 42°; greatest daily range, 35°, on the 26th; least daily, 12°, on the 22d; mean maximum, 94°.0; mean minimum, 68°.5. The mean temperature of the month was 82°.5. The precipitation was 0.31 of an inch, and fell on five days, viz: 3d, 6th, 7th, 21st and 22d. Prevailing direction of the wind, S.E. There were 13 clear, 14 fair and 4 cloudy days. Thunderstorm on the 7th.

**FORD COUNTY**—FR. DIENELT, Observer, Melvin. Highest temperature, 100°.5, on the 29th; lowest, 58°, on the 24th; range, 42°.5; greatest daily range, 26°.5, on the 29th; least daily, 7°.5, on the 1st; mean daily, 16°.0. The mean temperature of the month, 77°.5, was 2°.5 above the July normal for the past two years. The precipitation, 2.20 inches, was 0.15 of an inch below the July normal for the past two years, falling on seven days, viz: 1st, 3d, 6th, 8th, 9th, 13th, 21st and 29th. Prevailing direction of the wind, S.W.; maximum velocity, 30 miles per hour. There were 17 clear, 11 fair and 3 cloudy days. Thunderstorms on the 1st, 2d, 6th, 9th, 13th, 21st and 29th. Lunar halo on the 30th.

**FRANKLIN COUNTY**—JOHN MCPHERSON, Observer, Benton. Highest temperature, 104°, on the 18th; lowest, 74°, on the 7th; range, 30°. The precipitation was 1.94 inches, and fell on six days, viz: 3d, 5th, 18th, 20th, 22d and 31st. Prevailing direction of the

wind, S.W.; maximum velocity, brisk. There were 24 clear, 6 fair and 1 cloudy days.

**FULTON COUNTY**—MISS MARY C. BENNETT, Observer, Fairview. (Observations made at 7 A.M. and 9 P.M. only.—Record for 24 days.) Highest actual barometer, 29.40, on the 12th; lowest, 29.00, on the 9th; range, 0.40. Highest temperature, 106°, on the 29th; lowest, 68°, on the 23d; range, 38°. The precipitation was 2.18 inches, and fell on four days, viz: 1st, 3d, 8th and 22d. Prevailing direction of the wind, W. There were 17 clear, 0 fair and 7 cloudy days. Thunderstorms on the 1st and 2d. Water very scarce and crops in an unfavorable condition.

**GREENE COUNTY**—P. J. BATES, Observer, White Hall. Highest temperature, 98°, on the 17th; lowest, 66°, on the 24th, 25th and 26th; range, 32°; mean maximum, 90°.2; mean minimum, 73°.0; greatest daily range, 26°, on the 26th; least daily, 2°, on the 3d. The precipitation was 0.40 of an inch, and fell on six days, viz: 2d, 3d, 7th, 21st, 22d and 28th. Prevailing direction of the wind, N.W. There were 25 clear, 4 fair and 2 cloudy days. Thunder on the 3d, 12th, 20th, 21st and 28th.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Highest temperature, 106°, on the 18th and 30th; lowest, 62°, on the 11th; range, 44°; greatest daily range, 34°, on the 11th; least daily, 14°, on the 22d; mean daily, 23°.3. The mean temperature of the month, 80°.4, was 2°.7 above the July normal for the past six years. The precipitation, 3.05 inches, was 0.71 of an inch above the July normal for the past six years, falling on nine days, viz: 1st, 3d, 5th, 8th, 14th, 18th, 21st, 22d and 31st. Prevailing direction of the wind, N.E. and S.W.; maximum force, 6, W., on the 18th. There were 13 clear, 18 fair and 0 cloudy days. Thunderstorms on the 2d, 5th, 6th, 7th, 9th, 14th, 18th, 21st, 22d and 31st. Hail on 18th.

**HANCOCK COUNTY**. — ALPHEUS BYERS, Private, Signal Corps, U.S. Army, Keokuk, Iowa. Highest actual barometer, 29.47, on the 25th; lowest, 29.16, on the 3d and 8th; mean, 29.310; range, 0.31. Highest temperature, 100°, on the 17th; lowest, 59°.9, on the 23d and 25th; range, 41°.1; greatest daily range, 28°.9, on the 29th; least daily, 11°, on the 3d; mean daily, 21°.6. The mean temperature of the month, 79°.1, was 1°.5 above the July normal for the past sixteen years. The precipitation, 1.57 inches, was 2.54 inches below the July normal for the past seventeen years, falling on eight days, viz: 1st, 3d, 9th, 12th, 13th, 20th, 21st and 22d. Mean dew-point, 62°.4. Mean relative humidity, 60 per cent. Prevailing direction of the wind, S.; total movement, 4,721 miles; maximum velocity, 36 miles per hour, S., on the 13th. Thunderstorms on the 9th, 12th, 13th, 20th and 21st.

**HENDERSON COUNTY**—R. HODSON, Observer, Oquawka. Highest temperature, 110°, on the 17th; lowest, 68°, on the 15th, 23d and 24th; range, 42°. Prevailing direction of the wind, S. There were 23 clear, 6 fair and 2 cloudy days.

**HENRY COUNTY**—N. W. THORNTON, Observer, Geneseo. Highest temperature, 101°.8, on the 17th; lowest, 47°.6, on the 24th;



range, 54°.2; mean maximum, 89°.6; mean minimum, 65°.1. The mean temperature of the month was 79°.7. The precipitation was 1.95 inches, and fell on five days, viz: 2d, 3d, 9th, 17th, 28th and 30th. Prevailing direction of the wind, S.W. There were 21 clear, 7 fair and 3 cloudy days. Thunderstorms on the 1st, 2d, 3d, 9th, 17th, 28th and 30th.

**IROQUOIS COUNTY**—HENRY UPSALL, Observer, Watseka. Highest barometer, 30.109, on the 24th; lowest, 29.718, on the 9th; range, 0.391; mean, 29.994. Highest temperature, 105°, on the 29th; lowest, 47°, on the 24th and 25th; range, 58°; mean maximum, 94°.6; mean minimum, 60.2; greatest daily range, 47°.6, on the 29th; least daily, 18°, on the 1st; mean daily, 31°.0. The mean temperature of the month, 77°.3, was 2°.4 above the July normal for the past three years. The precipitation, 2.12 inches, was 0.86 of an inch below the July normal for the past three years, falling on five days, viz: 1st, 3d, 9th, 21st and 29th. Mean dew-point, 65°.0. Mean relative humidity, 67 per cent. Prevailing direction of the wind, N.E.; total movement, 3,801 miles; maximum velocity, 21 miles per hour. N.W., on the 18th. There were 24 clear, 5 fair and 2 cloudy days. Thunderstorms on the 1st, 3d, 9th, 21st and 29th. Katydid first heard on the 20th. Crops suffering severely for want of moisture.

**KANE COUNTY**.—M. M. ROBBINS, M.D., Observer, Aurora. (Record from 1st to 26th only.) Highest barometer, 30.070, on the 19th; lowest, 29.710, on the 9th; mean, 29.864; range, 0.360. Highest temperature, 104°, on the 18th; lowest, 50°, on the 24th; range, 54°; greatest daily range, 40°, on the 25th and 26th; least daily, 13°, on the 4th. The mean temperature of the month, 78°.1, was 2°.7 above the July normal for the past eight years. The precipitation, 2.34 inches, was 0.82 of an inch below the July normal for the past eight years, falling on seven days, viz: 2d, 3d, 4th, 9th, 13th, 18th and 21st. Mean relative humidity, 69 per cent. Prevailing direction of the wind, S.; maximum velocity, high, on the 17th. There were 9 clear, 13 fair and 4 cloudy days. Thunderstorms on the 2d, 4th and 9th.

**KANKAKEE COUNTY**—H. M. BANNISTER, Observer, Kankakee. Highest actual barometer, 29.306, on the 24th; lowest, 28.970, on the 6th; range, 0.336. Highest temperature, 106°, on the 29th; lowest, 60°, on the 24th and 25th; range, 44°; mean maximum, 94°.5; mean minimum, 75°.5; greatest daily range, 34°, on the 25th; least daily, 8°, on the 13th; mean daily, 19°.0. The mean temperature of the month was 80°.4. The precipitation was 1.10 inches, and fell on four days, viz: 1st, 2d, 3d and 13th. Prevailing direction of the wind, S. There were 17 clear, 11 fair and 3 cloudy days. Thunderstorms on the 1st, 2d, 3d and 8th, and distant on 13th and 26th.

**KENDALL COUNTY**—J. S. SEELY, Observer, Oswego. Highest temperature, 102°, on the 17th and 29th; lowest, 52°, on the 24th; range, 50°. The mean temperature of the month was 76°.2. The precipitation was 1.01 inches, considerably below the July normal. Rainfall from March to July, 1887, inclusive, 4.72 inches, divided as follows: March, 0.76; April, 0.40; May, 2.32; June, 0.24, and July, 1.01.

**KNOX COUNTY**—T. A. WETMORE, Observer, Oneida. Highest temperature, 100°, on the 17th; lowest, 66°, on the 23d; range, 34°; greatest daily range, 23°, on the 12th and 26th; least daily, 4°, on the 3d; mean daily, 15°.8. The mean temperature of the month, 80°.1, was 1°.4 above the July normal for the past three years. The precipitation, 6.60 inches, was 3.02 inches above the July normal for the past three years, falling on seven days, viz: 2d, 3d, 9th, 12th, 18th, 28th and 30th. Prevailing direction of the wind, S. There were 18 clear, 7 fair and 6 cloudy days. Thunderstorms on the 2d, 3d, 9th, 12th, 18th and 28th. Hail on 12th. Lunar halo on the 26th. Seasonable rains occurred in the northern part of the county, but in the central and southern portions, there has been a serious drouth.

**LAKE COUNTY**—L. R. F. GRIFFIN, Observer, Lake Forest University, Lake Forest. Highest barometer, 30.112, on the 23d; lowest, 29.610, on the 9th; range, 0.502; mean, 29.861. Highest temperature, 104°, on the 16th and 17th; lowest, 54°.5, on the 23d; range, 49°.5; greatest daily range, 30°, on the 16th; least daily, 8°, on the 1st; mean daily, 19°.0. The mean temperature of the month, 74°.9, was 2°.4 above the July normal for the past two years. The precipitation, 1.55 inches, was 0.51 of an inch above the July normal for the past two years, falling on seven days, viz: 1st, 2d, 3d, 4th, 8th, 17th and 21st. Mean dew-point, 68°.5. Mean relative humidity, 70 per cent. Prevailing direction of the wind, W.; maximum velocity, fresh. There were 17 clear, 4 fair and 10 cloudy days. Thunderstorms on the 1st, 2d and 17th.

**LASALLE COUNTY**—DR. J. O. HARRIS, Observer, Ottawa. Highest temperature, 102°, on the 16th and 28th; lowest, 60°, on the 23d and 25th; range, 42°. The mean temperature of the month was 79°.0. The precipitation, 1.17 inches, was 1.51 inches below the July normal for the past six years, falling on four days, viz: 1st, 3d, 8th and 17th. Prevailing direction of the wind, S.W.; maximum velocity, fresh. There were 18 clear, 10 fair and 3 cloudy days. Thunderstorms on the 1st, 8th and 17th.

**LAWRENCE COUNTY**—J. A. FYFFE, Observer, Sumner. Highest temperature, 108°, on the 17th and 18th; lowest, 60°, on the 24th; range, 48°. The mean temperature of the month was 82°.5. The precipitation, 3.00 inches, was 0.15 of an inch below the July normal for the past two years, falling on seven days, viz: 4th, 6th, 7th, 9th, 18th, 21st and 22d. Prevailing direction of the wind, S.E.; maximum force, 5, on the 2d and 18th. There were 27 clear, 2 fair and 2 cloudy days.

**LEE COUNTY**—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.080, on the 23d; lowest, 29.730, on the 9th; range, 0.350; mean, 29.930. Highest temperature, 102°, on the 12th, 16th and 17th; lowest, 62°, on the 19th, 23d and 25th; range, 40°; mean maximum, 86°.4; mean minimum, 66°.5; greatest daily range, 39°, on the 25th; least daily, 3°, on the 3d; mean daily, 23°.2. The mean temperature of the month, 77°.4, was above the July normal for the past thirty-one years. The precipitation was 2.35 inches, and fell on six days, viz: 1st, 2d, 3d, 8th, 17th and 30th. Mean relative humidity, 65 per cent. Prevailing direction of the wind, S.; total movement, 5,948 miles; maximum velocity, high, N.W., on the 16th and 17th.



There were 15 clear, 9 fair and 7 cloudy days. Thunderstorms on the 1st, 2d, 3d, 8th and 17th.

**LIVINGSTON COUNTY**—ISAAC YOUNG, Observer, Pontiac. Highest temperature, 110°, on the 29th; lowest, 48°, on the 24th; range, 62°; greatest daily range, 44°, on the 24th; least daily, 14°, on the 2d. The mean temperature of the month was 81°.8. The precipitation was 0.13 of an inch, and fell on three days, viz: 1st, 2d and 21st. Prevailing direction of the wind, S.E., N.E. and S. There were 22 clear, 7 fair and 2 cloudy days. On the 17th the sky had a brassy hue all day.

**LOGAN COUNTY**—L. H. SULLIVAN, Observer, Beason. Highest temperature, 106°, on the 17th; lowest, 66°, on the 26th; range, 40°. The mean temperature of the month was 84°.5. Precipitation fell on two days, viz: 2d and 21st. Prevailing direction of the wind, S.E.; maximum velocity, brisk. There were 20 clear, 9 fair and 2 cloudy days. Lunar halo on the 2d.

**MACOUPIN COUNTY**—A. C. GISH, Observer, Virden. Highest temperature, 104°, on the 29th and 30th; lowest, 60°, on the 25th; range, 44°. Prevailing direction of the wind, S.W. There were 27 clear and 4 fair days. Precipitation on 2d and 22d.

**MADISON COUNTY**—DR. J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 99°.5, on the 30th; lowest, 64°.0, on the 24th and 26th; range, 35°.5; mean maximum, 91°.4; mean minimum, 69°.0; greatest daily range, 29°.5, on the 26th; least daily, 9°, on the 22d; mean daily, 22°.3. The mean temperature of the month, 80°.2, was 4°.5 above the July normal for the past eight years. The precipitation, 1.77 inches, was 0.33 of an inch above the July normal for the past five years, falling on five days, viz: 2d, 3d, 7th, 20th and 22d. Prevailing direction of the wind, S.; maximum force, 4, S., on the 7th. There were 24 clear, 6 fair and 1 cloudy days. Thunderstorms or lightning on the 1st, 3d, 6th, 7th, 16th, 18th, 19th, 20th, 21st and 22d.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Highest temperature, 106°, on the 30th; lowest, 70°, on the 23d and 24th; range, 36°; mean maximum, 96°.0; mean minimum, 70°.4; greatest daily range, 28°, on the 29th; least daily, 10°, on the 22d; mean daily, 20°.0. The mean temperature of the month was 88°.0. The precipitation was 2.22 inches, and fell on four days, viz: 3d, 7th, 21st and 22d. Prevailing direction of the wind, S.W.; maximum velocity, 15 miles per hour. There were 20 clear, 6 fair and 5 cloudy days. Thunderstorms on the 5th, 6th, 7th, 21st, 22d and 23.

**MARSHALL COUNTY**—REV. A. C. PRICE, Observer, Lacon. Highest actual barometer, 29.70, on the 25th; lowest, 29.28, on the 9th; mean, 29.524; range, 0.420. Highest temperature, 106°.5, on the 17th; lowest, 57°, on the 24th; range, 49°.5; greatest daily range, 36°, on the 26; least daily, 2°, on the 2d; mean daily, 21°.0; mean maximum, 94°.7; mean minimum, 73°.7. The mean temperature of the month was 82°.2. The precipitation was 2.31 inches, and fell on four days, viz: 2d, 3d, 9th and 21st. Prevailing direction of the wind, S.W. There were 20 clear, 5 fair and 6 cloudy days.

**MCHEMRY COUNTY**—GEO. D. SILLIMAN, Observer, Woodstock. Highest temperature, 102°, on the 16th; lowest, 41°, on the 24th; range, 61°; mean maximum, 89°.8; mean minimum, 64°.0; greatest daily range, 46°, on the 26th; least daily, 8°.0, on the 19th; mean daily, 26°.0. The mean temperature of the month was 76°.0. The precipitation was 2.09 inches and fell on nine days, viz: 1st, 2d, 3d, 4th, 8th, 12th, 17th, 18th and 20th. Prevailing direction of the wind, S.W. There were 17 clear, 10 fair and 4 cloudy days.

**MCHEMRY COUNTY**—JOHN W. JAMES, Observer, Riley. Highest temperature, 97°.6, on the 16th; lowest, 50°.3, on the 24th; range, 47°.3; greatest daily range, 35°.5, on the 29th; least daily, 7°, on the 4th. The mean temperature of the month, 75°.1, was 4°.0 above the normal for the past twenty-seven years. The precipitation, 2.70 inches, was 1.10 inches below the normal for the past twenty-seven years, falling on eleven days, viz: 1st, 2d, 3d, 4th, 8th, 9th, 12th, 17th, 18th, 20th and 30th. Prevailing direction of the wind, S.W. and N.E. There were 18 clear, 8 fair and 5 cloudy days. Thunderstorms on the 2d, 8th, 9th, 12th, 17th and 18th. Solar halos on the 12th and 30th. In 26 years, only July, 1868, was warmer; July, 1863, 1868, 1869, 1871, 1873, 1874, 1877, 1880, 1885 and 1886 were drier.

#### SUN SPOTS, JULY, 1887.

One group came in sight on E. edge, 5th, on the sun's meridian, 11th, and disappeared by the solar rotation, 17th to 19th. One new spot, one day, from W. edge, 7th. The large spot, around for the third time, on meridian 8th, disappeared 14th, reappearing on E. edge, 28th. A new group 3½ days W. from meridian, broke out 6th and 7th. A large new group near W. edge, 27th; another new group on E. edge, 30th. No spots seen from 19th to 27th.

**MERCER COUNTY**—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 102°, on the 12th; lowest, 56°, on the 23d, 24th and 25th; range, 46°; greatest daily range, 32°, on the 12th; least daily, 11°, on the 3d. The precipitation, 2.81 inches, was 1.46 inches below the July normal for the past fifteen years, falling on eight days, viz: 1st, 2d, 3d, 9th, 12th, 17th, 28th and 30th. Prevailing direction of the wind, S.E. A great scarcity of water; many wells are failing.

**OGLE COUNTY**—WILLIAM FEARY, Observer, Mt. Morris. Highest temperature, 110°, on the 16th and 17th; lowest, 44°, on the 24th; range, 66°; greatest daily range, 32°, on the 17th; least daily, 15°, on the 4th; mean daily, 22°.0. The mean temperature of the month was 82°.0. Rain fell on six days, viz: 1st, 2d, 12th, 17th, 20th and 30th. Prevailing direction of the wind, S.W.; maximum velocity, moderate. There were 17 clear, 8 fair and 6 cloudy days. Thunderstorms on the 2d, 12th, 17th and 30th. Solar halo on the 5th. Red sunsets on the 4th, 6th, 8th, 14th, 19th and 27th.

**PEORIA COUNTY**—DR. FRED BRENDAL, Observer, Peoria. Highest actual barometer, 29.713, on the 25th; lowest, 29.387, on the 9th; mean, 29.570; range, 0.326. Highest temperature, 106°, on the 17th; lowest, 59°, on the 24th; range, 47°; mean maximum, 94°.3; mean minimum, 70°.8. The mean temperature of the month, 83°.2, was 4°.7 above the July normal for the past thirty-two years.



The precipitation, 2.85 inches, was 1.05 inches below the July normal for the past thirty-two years, falling on eight days, viz: 2d, 3d, 4th, 9th, 14th, 21st, 22d and 27th. Mean dew-point, 66°.7. Mean relative humidity, 59 per cent. Prevailing direction of the wind, E.; maximum force, 5, N.W., on the 17th. There were 23 clear, 6 fair and 2 cloudy days. Thunderstorms on the 2d, 21st, 22d and 27th.

**PERRY COUNTY**—WM. B. ANDERSON, Observer, Three Mile Prairie. Highest temperature, 100°, on the 13th; lowest, 58°, on the 5th and 22d; range, 42°. The mean temperature of the month was 76°.1. The precipitation was 2.40 inches, and fell on five days, viz: 1st, 4th, 5th, 6th and 22d. Prevailing direction of the wind, S.W.; maximum velocity, fresh, S., on the 3d. There were 21 clear, 1 fair and 9 cloudy days. Whirlwind s numerous from west. Wild ducks flying north on the 31st.

**PIATT COUNTY**—J. W. C. GRAY, Observer, Atwood. Highest temperature, 100°, on the 30th; lowest, 50°, on the 24th; range, 50°. The precipitation was 1.09 inches, and fell on four days, viz: 1st, 4th, 6th and 21st. Prevailing direction of the wind, S.W. There were 20 clear, 6 fair and 5 cloudy days. Thunderstorms on the 1st, 5th, 7th, 8th, 9th, 13th and 21st. Hail on 21st. Solar halo on the 8th.

**PIKE COUNTY**—M. J. HASSLER, Observer, Louisiana, Mo. Highest temperature, 106°, on the 29th; lowest, 55°, on the 24th; range, 51°; mean maximum, 95°.7; mean minimum, 65°.2. The mean temperature of the month, 80°.2, was 3°.1 above the July normal for the past two years. The precipitation, 1.37 inches, was 0.68 of an inch above the July normal for the past two years, falling on nine days, viz: 1st, 2d, 3d, 8th, 11th, 13th, 20th, 21st and 22d. There were 21 clear, 6 fair and 4 cloudy days. Thunderstorms on the 1st, 2d, 3d, 8th, 11th, 20th, 21st and 22d. Solar halos on the 16th, 17th and 26th. Rain needed badly; pastures drying up.

**PIKE COUNTY**—L. EASTMAN, Observer, Griggsville. Highest actual barometer, 29.98, on the 19th; lowest, 29.75, on the 22d; range, 0.23; mean, 29.864. Highest temperature, 105°, on the 12th; lowest, 51°, on the 24th; range, 54°; mean maximum, 89°.3; mean minimum, 77°.3; greatest daily range, 44°, on the 21st; least daily, 8°, on the 15th. The mean temperature of the month, 80°.2, was 2°.9 above the July normal for the past two years. The precipitation, 2.72 inches, was 0.82 of an inch above the July normal for the past six years, falling on four days, viz: 1st, 3d, 9th and 21st. Prevailing direction of the wind, S.W. Total precipitation since January 1st, 16.61 inches, which was 2.66 less than the normal for same period of past six years.

**POPE COUNTY**—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 103°, on the 18th; lowest, 71°, on the 22d; range, 32°; greatest daily range, 21°, on the 26th; least daily, 3°, on the 1st; mean daily, 14°.0. The mean temperature of the month, 82°.6, was 3°.2 above the July normal for the past nine years. The precipitation, 1.11 inches, was 2.54 inches below the July normal for the past nine years, falling on eight days, viz: 1st, 2d, 3d, 4th, 5th, 6th, 18th and 19th. Pre-

vailing direction of the wind, E.; maximum velocity, 15 to 24 miles per hour, N.W., on the 22d. There were 17 clear, 12 fair and 2 cloudy days. Thunderstorms on the 1st, 18th, 21st and 31st.

**PULASKI COUNTY**—B. C. TABER, M.D., Observer, Mound City. Highest temperature, 102°, on the 18th, 28th and 29th; lowest, 65°, on the 26th; range, 37°. The precipitation was 1.52 inches, and fell on the 4th. Prevailing direction of the wind, S.; maximum velocity, brisk. There were 15 clear, 13 fair and 3 cloudy days. Thunderstorms on the 5th, light. Beautiful lunar rainbow on 5th.

**PUTNAM COUNTY**—A. T. PURVIANCE, Observer, Hennepin. Highest temperature, 108°, on the 18th; lowest, 44°, on the 24th; range, 64°; greatest daily range, 49°, on the 27th; least daily, 18°, on the 1st and 6th. The precipitation was 1.30 inches, and fell on four days, viz: 1st, 2d, 3d and 17th. Prevailing direction of the wind, E. There were 24 clear, 3 fair and 4 cloudy days. The early settlers say that it has been hotter and dryer in this vicinity during this month than any July during past fifty years.

**RANDOLPH COUNTY**—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature, 104°, on the 18th; lowest, 69°, on the 24th; range, 35°; mean maximum, 89°.2; mean minimum, 75°.6; greatest daily range, 23°, on the 26th, 28th, 29th and 30th; least daily, 5°, on the 2d and 22d; mean daily, 16°.5. The mean temperature of the month was 82°.1. The precipitation was 1.93 inches, and fell on three days, viz: 3d, 21st and 22d. Prevailing direction of the wind, S.W.; maximum velocity, fresh. There were 24 clear, 5 fair and 2 cloudy days. Thunderstorms on the 3d and 22d.

**RICHLAND COUNTY**—CHAS. H. FAHS, Observer, Olney. Highest temperature, 106°, on the 30th; lowest, 64°, on the 25th; range, 42°; greatest daily range, 26°, on the 25th; least daily, 2°, on the 22d. The precipitation was 2.51 inches, and fell on nine days, viz: 1st, 3d, 6th, 7th, 8th, 9th, 18th, 21st and 22d. Prevailing direction of the wind, S. There were 11 clear, 12 fair and 8 cloudy days. Thunderstorms on the 1st, 3d, 6th, 7th, 8th, 9th, 15th, 18th, 21st and 22d.

**SANGAMON COUNTY**—JOHN CRAIG, Sergeant, Signal Corps, U. S. Army, Springfield. Highest barometer, 30.13, on the 25th; lowest, 29.81, on the 9th; mean, 29.973; range, 0.32. Highest temperature, 99°.7, on the 29th; lowest, 57°.8, on the 24th; range, 41°.9; greatest daily range, 30°.1, on the 12th; least daily, 14°, on the 3d; mean daily, 23°.3; mean maximum, 91°.6; mean minimum, 68°.2. The mean temperature of the month, 79°.7, was 2°.7 above the July normal for the past nine years. The precipitation, 1.01 inches, was 1.09 inches below the July normal for the past nine years, falling on nine days, viz: 1st, 2d, 3d, 4th, 8th, 9th, 21st, 22d and 28th. Mean dew-point, 68°.3. Mean relative humidity, 70 per cent. Prevailing direction of the wind, S.W.; total movement, 4,535 miles; maximum velocity, 24 miles per hour, S.W. & N.E., on the 1st, 3d, 21st and 28th. There were 17 clear, 11 fair and 3 cloudy days. Lunar halo on the 30th.



**SHELBY COUNTY**—A. H. HATCH, Observer, Windsor. Highest barometer, 30.182, on the 25th; lowest, 29.847, on the 9th; range, 0.335; mean, 30.003. Highest temperature, 106°.1, on the 29th; lowest 52°.3, on the 24th; range, 53°.8; mean maximum, 95°.5; mean minimum, 67°.8; greatest daily range, 42° 6, on the 26th; least daily, 13°.3, on the 22d; mean daily, 27°.7. The mean temperature of the month, 80°.8, was 4°.6 above the July normal for the past two years. The precipitation, 2.87 inches, was 0.68 of an inch below the July normal for the past two years, falling on eight days, viz: 1st, 2d, 3d, 4th, 5th, 6th, 21st and 22d. Mean dew-point, 67°.5. Mean relative humidity, 68 per cent. Prevailing direction of the wind, S.E.; total movement, 3,599 miles; maximum velocity, 28 miles per hour, N.W., on the 18th. There were 13 clear, 15 fair and 3 cloudy days. Thunderstorms on the 1st, 3d, 6th, 7th, 8th and 21st. Parhelia on 27th. Paraselene on 5th. The extreme drouth of past three months is very severe on all forms of agriculture; the seasonal deficiency is about 14 inches. Rain is needed for stock. The early corn will make 95 per cent., but the last plant not 30 per cent., and fields are reported that have not had a drop of rain for 80 days.

**STARK COUNTY**—EDWIN BUTLER, Observer, Toulon. Highest temperature, 97°, on the 17th and 29th; lowest, 55°, on the 24th; range, 42°; greatest daily range, 29°, on the 26th; least daily, 7°, on the 3d; mean maximum, 83°.3; mean minimum, 67°.0. The mean temperature of the month was 75°.1. The precipitation was 1.01 inches, and fell on seven days, viz: 1st, 2d, 3d, 8th, 17th, 20th and 28th. Prevailing direction of the wind, W. There were 14 clear, 13 fair and 4 cloudy days.

**ST. CLAIR COUNTY**—DR. GEO. LEIBROCK, Observer, Mascoutah. Highest temperature, 104°.2, on the 30th; lowest, 66°, on the 25th; range, 38°.2; greatest daily range, 32°, on the 11th; least daily, 6°, on the 3d. The precipitation was 3.50 inches, and fell on two days, viz: 3d and 23d. Thunderstorms on the 1st, 2d, 3d, 5th, 6th, 7th, 20th, 21st, 23d and 30th.

**ST. CLAIR COUNTY**—G. A. WEBER, Sergeant, Signal Corps, U. S. Army, St. Louis, Mo. Highest actual barometer, 29.51, on the 13th; lowest, 29.23, on the 8th and 21st; mean, 29.380; range, 0.27. Highest temperature, 100°, on the 17th; lowest, 68°, on the 24th; range, 32°; greatest daily range, 26°.2, on the 7th; least daily, 9°, on the 2d; mean daily, 16°.7. The mean temperature of the month, 83°.7, was 4°.5 above the July normal for the past seventeen years. The precipitation, 2.74 inches, was 1.10 inches below the July normal for the past seventeen years, falling on eight days, viz: 1st, 2d, 3d, 7th, 8th, 20th, 21st and 22d. Mean dew-point, 65°.9. Mean relative humidity, 57 per cent. Prevailing direction of the wind, S; total movement, 4,488 miles; maximum velocity, 20 miles per hour, S. and S.W., on the 3d, 18th and 21st. There were 18 clear, 10 fair and 3 cloudy days.

**STEPHENSON COUNTY**—JOHN WRIGHT, Observer, Cedarville. Highest temperature, 99°, on the 16th; lowest, 60°, on the 24th; range, 39°. The mean temperature of the month, 76°.1, was 0°.8 above the July normal for the past two years. The precipitation was 1.45 inches, and fell on four days, viz: 3d, 12th, 17th and 30th. Prevailing direction

of the wind, S.; maximum velocity, strong, S.W., on the 12th. There were 24 clear, 2 fair and 5 cloudy days. Thunderstorms on the 12th, 17th and 30th.

**TAZEWELL COUNTY**—REV. J. E. TERBORG, Observer, Pekin. Highest barometer, 30.093, on the 24th; lowest, 29.684, on the 9th; range, 0.409; mean, 29.908. Highest temperature, 104°, on the 12th, 14th and 29th; lowest, 55°, on the 24th; range, 49°; mean maximum, 95°.0; mean minimum, 68°.0; greatest daily range, 37°, on the 27th; least daily, 12°, on the 3d; mean daily, 27°.0. The mean temperature of the month, 82°.0, was 1°.6 above the July normal for the past two years. The precipitation, 2.79 inches, was 0.04 of an inch below the July normal for the past six years, falling on six days, viz: 2d, 3d, 4th, 9th, 22d and 27th. Mean dew-point, 74°.0. Mean relative humidity, 68 per cent. Prevailing direction of the wind, S.W.; maximum force, 4, N.W., on the 18th. There were 21 clear, 2 fair and 8 cloudy days. Thunderstorms on the 9th, 21st and 27th. Solar halo on the 6th. Lunar halos on the 1st and 4th. Meteor on the 15th. Thunder without lightning on the 2d, 3d, 6th and 22d; lightning without thunder on the 5th, 12th, 17th and 21st. Red sunsets on the 6th, 10th, 22d, 25th and 29th. Parhelion on the 28th.

**VERMILION COUNTY**—MISS CARRIE JEAN TREGO, Observer, Hoopeston. Highest actual barometer, 29.40, on the 25th; lowest, 28.96, on the 9th; mean, 29.208; range, 0.44. Highest temperature, 99°.5, on the 17th; lowest, 50°, on the 24th and 25th; range, 49°.5; mean maximum, 91°.2; mean minimum, 65°.1. The mean temperature of the month was 80°.1. The total precipitation was inappreciable, on the 3d. Prevailing direction of the wind, N.E. There were 19 clear, 9 fair and 3 cloudy days.

**WABASH COUNTY**—PROF. JAMES POOL, Observer, Mt. Carmel. The precipitation 4.14 inches, was 1.95 inches above the July normal for the past five years, and fell on eight days, viz: 1st, 3d, 4th, 7th, 8th, 14th, 22d and 23d.

**WARREN COUNTY**—J. C. HUTCHISON, Observer, Monmouth. Highest actual barometer, 29.64, on the 13th; lowest, 29.32, on the 3d; range, 0.32; mean, 29.480. Highest temperature, 104°, on the 12th; lowest, 52°, on the 23d, 24th and 25th; range, 52°; mean maximum, 93°.4; mean minimum, 65°.4; greatest daily range, 38°, on the 24th; least daily, 20°, on the 21st. The mean temperature of the month was 80°.4. The precipitation was 5.20 inches, and fell on six days, viz: 1st, 3d, 9th, 12th, 17th and 28th. Prevailing direction of the wind, S.E. There were 21 clear, 1 fair and 9 cloudy days. Thunderstorms on the 1st, 3d, 11th, 13th and 17th.

**WASHINGTON COUNTY**—A. G. TUCKER, Observer, Richview. Highest barometer, 30.096, on the 16th; lowest, 29.773, on the 31st; mean, 29.931; range, 0.323. Highest temperature, 104°, on the 31st; lowest, 61°.9, on the 24th; range, 42°.1; greatest daily range, 32°.7, on the 28th; least daily, 9°.1, on the 22d; mean daily, 24°.2; mean maximum, 93°.0; mean minimum, 69°.1. The mean temperature of the month, 81°.1, was 1°.5 above the July normal for the past three years. The precipitation, 2.22 inches, was 0.15 of an inch



above the July normal for the past three years, falling on nine days, viz: 1st, 2d, 3d, 5th, 7th, 14th, 20th, 21st and 22d. Mean dew-point,  $69^{\circ}.5$ . Mean relative humidity, 68 per cent. Prevailing direction of the wind, S.W.; maximum force, 4, W., on the 18th. There were 24 clear, 5 fair and 2 cloudy days. Thunderstorms on the 1st, 3d, 7th, 20th, 21st and 22d.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature,  $108^{\circ}$ , on the 18th; lowest,  $66^{\circ}$ , on the 11th; range,  $42^{\circ}$ ; greatest daily range,  $32^{\circ}$ , on the 30th; least daily,  $10^{\circ}$ , on the 1st; mean daily,  $26^{\circ}.0$ . The precipitation was 2.49 inches, and fell on five days, viz: 1st, 3d, 6th, 18th and 22d. Prevailing direction of the wind, N.E., S. and S.W. There were 13 clear, 17 fair and 1 cloudy days.

WILL COUNTY—MISS ANNA B. NASH, Observer, Joliet. Highest temperature,  $102^{\circ}$ , on the 29th; lowest,  $50^{\circ}$ , on the 24th; range,  $52^{\circ}$ ; mean maximum,  $91^{\circ}.5$ ; mean minimum,  $64^{\circ}.9$ ; greatest daily range,  $40^{\circ}$ , on the 29th; least

daily,  $16^{\circ}$ , on the 6th; mean daily,  $26^{\circ}.6$ . The mean temperature of the month was  $76^{\circ}.9$ . The precipitation was 2.47 inches, and fell on three days, viz: 2d, 9th and 18th. Prevailing direction of the wind, N.E. and W.; maximum velocity, brisk. There were 17 clear, 6 fair and 8 cloudy days. Thunderstorms on the 9th and 18th.

WOODFORD COUNTY—CASSIUS C. ROGERS, Observer, Minonk. Highest temperature,  $104^{\circ}$ , on the 16th, 17th and 29th; lowest,  $66^{\circ}$ , on the 23d and 24th; range,  $38^{\circ}$ ; mean maximum,  $93^{\circ}.6$ ; mean minimum,  $80^{\circ}.0$ ; greatest daily range,  $30^{\circ}$ , on the 29th; least daily,  $4^{\circ}$ , on the 2d; mean daily,  $17^{\circ}.0$ . The mean temperature of the month,  $83^{\circ}.0$ , was  $4^{\circ}.8$  above the July normal for the past two years. The precipitation, 0.92 of an inch, was 0.16 of an inch above the July normal for the past two years, falling on four days, viz: 1st, 2d, 3d and 21st. Prevailing direction of the wind, W. There were 21 clear, 5 fair and 5 cloudy days. Thunderstorm on the 3d. High wind on 17th.

Summary of Meteorological Observations for the month of July,  
Service Observers. Hours of Observation: Voluntary—  
vice—7 A.M., 3 P.M. and 10

STATIONS.	AIR PRESSURE.						TEMPERATURE.			
	Highest.	Date.	Lowest.	Date.	Mean.	Absolute range.	Highest.	Date	Lowest.	Date.
NORTHERN DIVISION.										
County. Place.										
Lake.....Lake Forest..	30.11	23	29.61	9	29.861	0.50	104	16, 17	54.5	23
McHenry....Woodstock..							102	16	41	24
McHenry....Riley.....							97.6	16	50.3	24
Boone.....Belvidere....							100	16	60	23
Stephenson..Cedarville...							99	16	60	24
cKane.....Aurora.....	30.07	19	29.71	9	29.864	0.36	104	18	50	24
DeKalb.....Sycamore...							100.8	16	40	24
Ogle.....Mt. Morris..							110	16, 17	44	24
Carroll.....Lanark.....							99	17	57	23
Lee.....Prairieville..	30.08	23	29.73	9	29.930	0.35	102	12, 16, 17	62	19, 23, 25
Whiteside....Oswego.....							102	17, 29	52	24
Will.....Joliet.....							102	29	50	24
LaSalle.....Ottawa.....							102	16, 18	60	23, 25
Bureau.....Neponset....							102	17	49	24
Putnam.....Hennepin...							108	18	44	24
dHenry.....Geneseo.....							101.8	17	47.6	24
*RockIsland Davenp't, Ia	29.49	25	29.11	8	29.308	0.38	99	12	56.1	24
Mercer.....Aledo.....							102	12	56	23-25
*Kankakee...Kankakee...	29.31	24	28.97	9		0.34	104	29	60	24, 25
Livingston..Pontiac.....							110	29	48	24
*Marshall...Lacon.....	29.70	25	29.28	9	29.524	0.42	106.5	17	57	24
Woodford...Minonk.....							104	16, 17, 29	66	23, 24
Stark.....Toulon.....							97	17, 29	55	24
*Peoria.....Peoria.....	29.71	25	29.39	9	29.570	0.32	106	17	59	24
Knox.....Oneida.....							100	17	66	23
*Warren.....Monmouth...	29.64	13	29.32	3	29.480	0.32	104	12	52	23, 24, 25
Henderson..Oquawka..							110	17	68	15, 23, 24
Iroquois....Watseka....	30.11	24	29.72	9	29.994	0.39	105	29	47	24, 25
Means.....					29.912	0.38	.....	---	-----	-----
CENTRAL DIVISION.										
Ford.....Melvin.....							100.5	29	58	24
Tazewell....Pekin.....	30.09	24	29.68	9	29.908	0.41	104	12, 14, 29	55	24
b*Fulton....Fairview....	29.40	12	29.00	9		0.40	106	29	68	23
*Hancock....Keokuk, Ia..	29.47	25	29.16	3, 8	29.310	0.31	100	17	59.9	23, 25
*Vermilion...Hoopeston..	29.40	25	28.96	9	29.208	0.44	99.5	17	50	24, 25
Champaign..Philo.....	30.15	1	29.75	9	29.960	0.40	108	13	50	24
Piatt.....Atwood.....							100	30	50	24
Logan.....Beason.....							106	17	66	26
Adams.....Payson.....							103	28	62	24
aCass.....Ashland.....							102	29	48	10
Edgar.....Paris.....							100	30	66	29
Douglas....Camargo....							101	17	68	23, 24
Sangamon...Springfield...	30.13	25	29.81	9	29.973	0.32	99.7	29	57.8	24
Pike.....Griggsville...	29.98	19	29.75	22	29.864	0.23	105	12	51	24
Pike.....Louisiana, Mo.							106	29	55	24
Coles.....Mattoon.....							108.5	30	62	26
Christian...Pana.....							95	30	62	23
Shelby.....Windsor.....	30.18	25	29.85	9	30.003	0.33	106.1	29	52.3	24
*Clark.....Martinsville.	29.50	1	29.20	9	29.408	0.30	106	30	65	10
Macoupin..Virden.....							104	29, 30	60	25
Greene.....White Hall...							98	17	66	24-26
Means.....					29.961	0.35	.....	.....	.....	.....



1887, made to the Department of Agriculture, by Voluntary and Signal  
7 A. M., 2 P. M. and 9 P. M., Local Time (Generally). Signal Ser-  
P. M., 75th Meridian Time.

TEMPERATURE.							Mean relative humidity.	No OF DAYS—				Total precipita- tion, inches.	Prevailing direc- tion of the wind.
Mean.	Absolute range.	Greatest daily range.	Date.	Least daily range.	Date.	Mean daily range.		Clear.	Fair.	Cloudy.	On which .01 inch or more precip. fell.		
74.9	49.5	30	16	8	1	19.0	70	17	4	10	7	1.55	W.
76.0	61	46	26	8	19	26.0	....	17	10	4	9	2.09	S.W.
75.1	47.3	35.5	29	7	4	....	....	18	8	5	11	2.70	S.W. & N.E.
76.7	40	....	....	....	....	....	....	18	10	3	6	4.14	S.W.
76.1	39	....	....	....	....	....	....	24	2	5	4	1.45	S.
78.1	54	40	25, 26	13	4	....	67	9	13	4	7	2.34	S.
75.0	60.8	27.6	26	7.5	3	....	....	19	9	3	7	3.12	N.E. & S.W.
82.0	66	32	17	15	4	22.0	....	17	8	6	6	?	S.W.
80.7	42	....	....	....	....	....	....	19	7	5	9	3.81	S.
77.4	40	39	25	3	3	23.2	65	15	9	7	6	2.35	S.
76.2	50	....	....	....	....	....	....	....	....	....	....	1.01	....
76.9	52	40	29	16	6	26.6	..	17	6	8	3	2.47	N.E. & W.
79.0	42	....	....	....	....	....	....	18	10	3	4	1.17	S.W.
....	53	....	....	....	....	....	....	16	10	5	8	1.39	N.E.
....	64	49	27	18	1, 6	....	..	24	3	4	4	1.30	E.
79.7	54.2	....	....	....	....	....	....	21	7	3	5	1.95	S.W.
78.0	42.9	31	26	11	3	21.5	60	17	8	6	11	3.09	S.W.
....	46	32	12	11	3	....	....	....	....	....	8	2.81	S.E.
80.4	44	34	25	8	13	19.0	....	17	11	3	5	1.10	S.
81.0	62	44	24	14	2	....	....	22	7	2	3	0.13	S., S.E. & N.E.
82.2	49.5	36	26	2	2	21.0	....	20	5	6	4	2.31	S.W.
83.0	38	30	29	4	2	17.0	....	21	5	5	4	0.92	W.
75.1	42	29	26	7	3	....	....	14	13	4	7	1.01	W.
83.2	47	....	....	....	....	....	59	23	6	2	8	2.85	E.
80.1	34	23	12, 26	4	3	15.8	....	18	7	6	7	6.60	S.
80.4	52	38	24	20	21	....	....	21	1	9	6	5.20	S.E.
....	42	....	....	....	....	....	....	23	6	2	....	....	S.
77.3	58	47.6	29	18.0	1	31.0	67	24	5	2	5	2.12	N.E.
78.5	....	....	....	....	....	23.1	66	19	7	5	6	2.33	S.
77.5	42.5	26.5	29	7.5	1	16.0	....	17	11	3	7	2.20	S.W.
82.0	49	37	27	12	3	27.0	68	21	2	8	6	2.79	S.W.
....	38	....	....	....	....	....	....	17	0	7	4	2.18	W.
79.1	41.1	28.9	29	11	3	21.6	60	....	....	....	8	1.57	S.
80.1	49.5	....	....	....	....	....	....	19	9	3	0	....	N.E.
83.0	58	40	25	11	4	23.4	....	22	9	0	3	0.98	S.E.
....	50	....	....	....	....	....	....	20	6	5	4	1.09	S.W.
84.5	40	....	....	....	....	....	....	20	9	2	2	....	S.E.
80.1	41	32	20	10	3, 22	23.3	....	19	10	2	5	2.66	S.W.
80.2	54	44.5	11	11.5	5	30.2	....	13	14	0	1	0.20	S.W.
79.6	34	....	....	....	....	....	....	19	8	4	5	0.81	S.E.
....	33	....	....	....	....	....	....	5	22	4	5	?	S.
79.7	41.9	30.1	12	14.0	3	23.3	70	17	11	3	9	1.01	S.W.
80.2	54	44	21	8	15	....	....	....	....	....	4	2.72	S.W.
80.2	51	....	....	....	....	....	....	21	6	4	9	1.37	....
81.5	46.5	....	....	....	....	....	....	22	9	0	8	1.30	S.
75.6	33	....	....	....	....	....	....	20	9	2	6	3.05	S.W.
80.8	53.8	42.6	26	13.3	22	27.7	68	13	15	3	8	2.87	S.E.
82.0	41	27	10	12	2	....	....	21	6	4	9	2.54	W.
....	44	....	....	....	....	....	....	27	4	0	....	....	S.W.
....	32	26	26	2	3	....	....	25	4	2	6	0.40	N.W.
80.4	....	....	....	....	....	24 1	66	19	9	3	5	1.65	S.W.

Summary of Meteorological Observations for the month of July,  
Service Observers. Hours of Observation: Voluntary—  
vice—7 A. M., 3 P. M. and 10

STATIONS.	AIR PRESSURE.						TEMPERATURE.			
	Highest.	Date.	Lowest.	Date.	Mean.	Absolute range.	Highest.	Date.	Lowest.	Date.
SOUTHERN DIVISION.										
†Crawford....Palestine....							105	30	68	25
Effingham...Eberle.....							103.5	31	59	7
Fayette.....Vandalia....	30.16	1	29.76	9	29.980	0.40	102	17, 29, 30	60	25
Bond.....Greenville...							104	30	60	24
Madison....Collinsville...							99.5	30	64	24, 26
Lawrence...Sumner.....							108	17, 18	60	24
Richland....Olney.....							106	30	64	25
Clay.....Flora.....							102	18	60	11, 25
Marion.....Centralia...							106	30	70	23, 24
Clinton.....Irishtown...							104	18, 29, 30	72	25
St. Clair....Mascoutah...							104.2	30	66	25
*St. Clair....St. Louis, Mo	29.51	13	29.23	8, 21	29.380	0.27	100	17	68	24
Wabash.....Mt. Carmel ..										
Wayne.....Fairfield....							108	18	66	11
Washington..Richview....	30.10	16	29.77	31	29.931	0.32	104	31	61.9	24
Hamilton....McLeansboro							106	18, 30	62	11
Franklin....Benton.....							104	18	74	7
Perry.....Three Mile..							100	13	58	5, 22
Randolph..Jordan's Grove							104	18	69	24
Pope.....Golconda ..							103	18	71	22
Pulaski...Mound City..							102	18, 28, 29	65	26
*Alexander...Cairo .....	29.77	16, 17	29.46	22	29.620	0.31	97.5	30	66.2	8
Means.....					29.956	0.32				
State Averages.....					29.943	0.35				

\* Barometer corrected for temperature and instrumental error only.  
a. Observations began on 5th.  
b. Observations for 24 days only.  
c. Observations for 26 days only.  
d. Received too late to be used in computations.  
T. Indicates trace of rainfall.



1887, made to the Department of Agriculture, by Voluntary and Signal  
7 A. M., 2 P. M. and 9 P. M., Local Time (Generally). Signal Ser-  
P. M., 75th Meridian Time.—Continued.

TEMPERATURE.							Mean relative humidity.	NO. OF DAYS.				Total precipitation, inches.	Prevailing direction of the wind.
Mean.	Absolute range.	Greatest daily range.	Date.	Least daily range.	Date.	Mean daily range.		Clear.	Fair.	Cloudy.	On which 01 inch or more precip. fell.		
83.5	37	23	23	10	3, 4, 5	16.5	...	24	6	1	4	1.59	S. W.
...	44.5	...	...	...	...	...	...	...	...	...	0	0.00	...
82.5	42	35	26	12	22	...	...	13	14	4	5	0.31	S. E.
80.2	44	34	28, 29	17	1	22.6	...	19	10	2	5	2.21	S.
80.2	35.5	29.5	26	9	22	22.3	...	24	6	1	5	1.77	S.
82.5	48	...	...	...	...	...	...	27	2	2	7	3.00	S. E.
81.5	42	26	25	2	22	...	...	11	12	8	9	2.51	S.
79.0	42	32	17	17	22	26.0	...	24	4	3	9	3.48	S.
88.0	36	28	29	10	22	20.0	...	20	6	5	4	2.22	S. W.
82.3	32	23	27-29	5	1	...	...	28	0	3	7	2.02	S.
...	38.2	32	11	6	3	...	...	...	...	...	2	3.50	...
83.7	32	26.2	7	9	2	16.7	57	18	10	3	8	2.74	S.
...	...	...	...	...	...	...	...	...	...	...	8	4.14	...
...	42	32	30	10	1	26.0	...	13	17	1	5	2.49	N. E., S. & S. W.
81.1	42.1	32.7	28	9.1	22	24.2	68	24	5	2	9	2.22	S. W.
80.4	44	34	11	14	22	23.3	...	13	18	0	9	3.05	N. E. & S. W.
...	30	...	...	...	...	...	...	24	6	1	6	1.94	S. W.
76.1	42	...	...	...	...	...	...	21	1	9	5	2.40	S. W.
82.1	35	23	26, 28, 29, 30	5	2, 22	16.5	...	24	5	2	3	1.93	S. W.
82.6	32	21	26	3	1	14.0	...	17	12	2	8	1.11	E.
...	37	...	...	...	...	...	...	15	13	3	1	1.52	S.
80.5	31.3	22.9	12	10.2	16	17.3	72	15	13	3	9	1.42	S. W.
81.0	...	...	...	...	...	20.8	66	19	9	3	6	2.19	S.
79.8	...	...	...	...	...	22.7	66	19	8	4	6	2.09	S. W.







Daily and Monthly Mean Temperatures, in Degrees, Fahrenheit, reported to the Illinois Department of Agriculture, by Voluntary and Signal Service Observers for the month of July, 1887. (These means are deduced from the three observations taken by Voluntary Observers, generally, at 7 A. M., 2 P. M. and 9 P. M., Local Time, and by Signal Service Observers, at 7 A. M., 3 P. M. and 10 P. M., 75th Meridian Time.)

JULY, 1887.																															
STATIONS.																															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
NORTHERN DIVISION.																															
County.	Place.																														
Lake.....	Lake Forest																														
McHenry.....	Woodstock																														
McHenry.....	Riley.....																														
Stephenson....	Cedarville																														
Kane.....	Aurora...																														
DeKalb.....	Sycamore.																														
Carroll.....	Lanark....																														
Lee.....	Prairieville																														
Will.....	Joliet.....																														
LaSalle.....	Ottawa....																														
Kankakee.....	Kankakee.																														
Livingston....	Pontiac...																														
Marshall.....	Lacon....																														
Woodford.....	Minonk...																														
Stark.....	Toulon....																														
Peoria.....	Peoria....																														
Knox.....	Oneida....																														
Iroquois.....	Watseka...																														
Means.....	.....																														
CENTRAL DIVISION.																															
Ford.....	Melvin....																														
Tazewell.....	Pekin....																														
Hancock.....	Keokuk, Iowa																														
Champaign....	Philo.....																														
Logan.....	Beason...																														
Adams.....	Payson....																														
Cass.....	Ashland..																														
Edgar.....	Paris.....																														
Sangamon.....	Springfield																														
Pike.....	Griggsville																														
Coles.....	Mattoon..																														



Christian.....	74	72	72	76	76	76	73	70	75	75	74	75	79	79	81	79	74	77	76	68	74	68	74	80	82	81	83	78	76
Shelby. ....	75	76	74	75	78	76	76	77	80	80	75	83	84	84	87	87	79	84	78	75	80	75	80	83	87	87	84	81	81
Greene.....	81	78	78	86	78	82	80	80	83	88	87	88	93	93	91	88	86	87	85	81	81	81	86	88	89	91	90	88	82
Means.....	76	76	75	78	78	78	78	78	81	81	78	84	84	87	88	83	79	82	79	75	72	74	75	81	84	85	87	83	80
SOUTHERN DIVISION.																													
Fayette.....	78	80	76	79	80	80	78	76	80	88	86	88	88	88	87	88	81	84	82	75	76	78	79	84	84	84	88	90	82
Bond.....	75	76	75	78	78	77	78	72	79	84	84	84	87	86	87	87	78	85	79	71	74	76	79	80	82	86	88	84	80
Richland.....	80	77	80	80	80	80	79	71	81	84	85	88	89	88	89	89	81	81	85	74	74	74	74	80	83	88	90	89	82
Clay.....	77	76	77	75	74	78	74	74	75	82	84	84	88	86	88	88	78	85	81	73	74	76	74	80	83	85	85	86	79
Clinton.....	78	77	78	82	82	82	80	78	81	86	87	87	89	90	89	91	82	79	83	77	76	77	83	85	86	87	88	87	82
St. Clair.....	79	77	79	81	84	85	88	88	88	86	87	85	86	86	89	89	80	87	86	74	78	77	85	86	86	91	90	87	84
Washington.....	77	75	78	79	81	82	78	75	78	84	84	84	89	86	89	86	82	84	81	72	76	77	83	83	83	88	88	86	81
Richview.....	78	77	80	82	81	77	79	77	79	82	82	82	87	85	87	86	82	83	82	74	76	76	77	82	80	86	84	84	80
McLeansboro.....	67	67	69	70	72	72	68	68	72	76	75	74	81	78	81	80	73	78	74	66	66	68	70	72	76	78	78	84	76
Three Mile.....	78	75	77	80	84	79	80	77	80	86	84	86	90	88	90	91	82	85	83	75	77	78	81	83	85	86	90	88	82
Jordan's Grove.....	78	76	76	80	81	80	80	76	78	85	85	85	81	89	81	92	84	85	86	74	81	84	85	82	86	88	92	89	83
Golconda.....	76	76	75	80	80	80	74	76	77	83	82	81	85	83	85	86	84	83	84	75	78	80	82	79	83	89	87	85	80
Alexander.....	76	76	76	78	80	80	74	76	77	79	82	81	85	86	87	86	84	83	84	75	78	80	82	79	83	89	87	85	80
Means.....	77	76	77	78	78	78	77	75	78	84	84	84	87	86	87	88	81	84	82	73	76	77	78	80	82	84	88	87	81
State averages.....	77	76	76	78	78	78	78	78	80	83	84	85	87	87	87	82	78	81	79	74	71	74	75	80	83	86	85	83	80

COMPARATIVE METEOROLOGICAL DATA FOR ILLINOIS DURING JULY.

Nature of Data.	1882.	1883.	1884.	1885.	1886.	1887.
Highest pressure, inches.....	30.33	30.37	30.46	30.24	30.38	30.18
Lowest " ".....	29.26	29.18	29.24	29.37	29.00	29.61
Mean " ".....	29.855	29.941	29.899	29.923	29.819	29.943
Range of " ".....	1.07	1.19	1.12	0.87	1.38	0.57
Highest temperature, degrees....	97	99	98	104	104	110
Lowest " ".....	45	47	50	39	44	40
Mean " ".....	72.7	74.7	73.8	78.2	77.1	79.8
Range of " ".....	52	52	48	65	60	70
Greatest daily range of temp.deg.	23.1		34	49	39	49
Least " ".....	5		2	1	1.5	2
Mean " ".....	14.5		16.0	17.1	20.3	22.7
Mean relative humidity, per cent..	71	73	75	71	68	66
Average number of clear days....	11		9	12	20	19
Average number of fair days.....	13		13	13	8	8
Average number of cloudy days..	7		9	6	4	4
Average number of days on which .01 inch or more precip. fell ..	10	9	11	11	7	6
Greatest monthly precipitation, in	7.12	8.30	10.60	5.00	4.55	6.60
Least monthly precipitation, in.	1.69	2.77	1.40	0.62	0.04	0.00
Average monthly precipitation, in.	3.55	4.96	4.52	2.80	1.27	2.09
Prevailing direction of wind.....	S.W.	S.W.	N.W.& S.W.	S.W.	N.E.	S.W.



COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR  
ILLINOIS DURING JULY.

STATIONS.		MEAN TEMPERATURE, Deg. Fahrenheit.				PRECIPITATION, Inches and hundreths.			
		Normal.	No. of years.	July, 1887.	Departure or + -	Normal.	No. of years.	July, 1887.	Departure or + -
NORTHERN DIVISION.									
County.	Place.								
Lake.....	Lake Forest.....	72.5	2	74.9	+2.4	1.04	2	1.55	+0.51
McHenry.....	Riley.....	71.1	27	75.1	+4.0	3.80	27	2.70	-1.10
Stephenson.....	Cedarville.....	75.3	2	76.1	+0.8	.....	.....	.....	.....
Kane.....	Aurora.....	75.4	8	78.1	+2.7	3.16	8	2.34	-0.82
DeKalb.....	Sycamore.....	71.3	6	75.0	+3.7	4.93	7	3.12	-1.81
LaSalle.....	Ottawa.....	.....	.....	.....	.....	2.68	6	1.17	-1.51
Mercer.....	Aledo.....	.....	.....	.....	.....	4.27	15	2.81	-1.46
Woodford.....	Minonk.....	78.2	2	83.0	+4.8	0.76	2	0.92	+0.16
Peoria.....	Peoria.....	78.5	32	83.2	+4.7	3.90	32	2.85	-1.05
Knox.....	Oneida.....	78.7	3	80.1	+1.4	3.58	3	6.60	+3.02
Iroquois.....	Watseka.....	74.9	3	77.3	+2.4	2.98	3	2.12	-0.86
CENTRAL DIVISION.									
Ford.....	Melvin.....	75.0	2	77.5	+2.5	2.35	2	2.20	-0.15
Tazewell.....	Pekin.....	80.4	2	82.0	+1.6	2.83	6	2.79	-0.04
Hancock.....	Keokuk, Iowa.....	77.6	16	79.1	+1.5	4.11	17	1.57	-2.54
Champaign.....	Philo.....	76.3	3	83.0	+6.7	2.52	3	0.98	-1.54
Adams.....	Payson.....	80.0	2	80.1	+0.1	1.37	2	2.66	+1.29
Sangamon.....	Springfield.....	77.0	9	79.7	+2.7	2.10	9	1.01	-1.09
Pike.....	Griggsville.....	77.3	2	80.2	+2.9	1.90	6	2.72	+0.82
Pike.....	Louisiana, Mo.....	77.1	2	80.2	+3.1	0.69	2	1.37	+0.68
Coles.....	Mattoon.....	76.0	8	81.5	+5.5	2.70	8	1.30	-1.40
Christian.....	Pana.....	74.3	3	75.6	+1.3	4.18	5	3.05	-1.13
Shelby.....	Windsor.....	78.2	2	80.8	+4.6	2.19	2	2.87	+0.68
SOUTHERN DIVISION.									
Crawford.....	Palestine.....	77.5	6	83.5	+6.0	3.54	6	1.57	-1.95
Bond.....	Greenville.....	78.9	10	80.2	+1.3	4.36	6	2.21	-2.15
Madison.....	Collinsville.....	75.7	8	80.2	+4.5	1.44	5	1.77	+0.33
Lawrence.....	Sumner.....	.....	.....	.....	.....	3.15	2	3.00	-0.15
Clay.....	Flora.....	77.5	2	79.0	+1.5	2.68	2	3.48	+0.80
Clinton.....	Irishtown.....	78.9	3	82.3	+3.4	1.33	3	2.02	+0.69
St. Clair.....	St. Louis, Mo.....	79.2	17	83.7	+4.5	3.84	17	2.74	-1.10
Wabash.....	Mt. Carmel.....	.....	.....	.....	.....	2.19	5	4.14	+1.95
Washington.....	Richview.....	79.6	3	81.1	+1.5	2.07	3	2.22	+0.15
Hamilton.....	McLeansboro.....	77.7	6	80.4	+2.7	2.34	6	3.05	+0.71
Pope.....	Golconda.....	79.4	10	82.6	+3.2	3.65	10	1.11	-2.54
Alexander.....	Cairo.....	79.5	17	80.5	+1.0	3.71	17	1.42	-2.29

# WEATHER AND TEMPERATURE SIGNALS.

THE FOLLOWING CIRCULAR HAS BEEN ISSUED BY THE CHIEF SIGNAL OFFICER OF THE ARMY  
AT WASHINGTON CITY.

With a view of securing a uniform system of signals it is recommended that flags now in use be replaced by those herein described as the former become worn out or unserviceable.

The Chief Signal Officer furnishes, when practicable, for the benefit of the general public and those industries dependent to a great extent upon weather conditions, the "Indications," which are prepared at this office daily, at 1 a. m., for the twenty-four hours commencing at 7 a. m. These weather forecasts are telegraphed to many Signal Service stations, railway officials, and others, and are so worded as to be readily communicated to the public by means of flags or symbols. The flags adopted for this purpose are four in number and of the form and dimensions indicated below:

### INTERPRETATION OF SIGNALS.

No. 1.  
White Flag.



Clear or fair weather.

No. 2.  
Blue Flag.



Rain or snow.

No. 3.  
Black Triangular Flag.




Temperature signal.

No. 4.  
White Flag with black square in centre.




Cold wave.


### DISPLAYED FROM POLES.



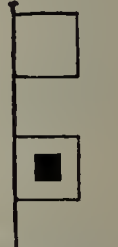
Fair weather.  
Colder.



Warmer.  
Rain or snow.

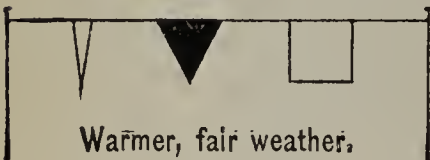


Warmer, fair weather,  
followed by rain or snow.

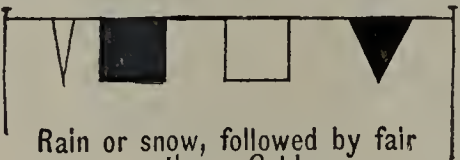


Fair weather.  
Cold wave.

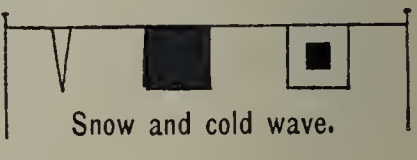
### DISPLAYED FROM HORIZONTAL SUPPORTS.



Warmer, fair weather.



Rain or snow, followed by fair weather. Colder.



Snow and cold wave.

### DISPLAYED ON CARS.


When the two weather symbols cannot be displayed, show the one indicating the weather last named in "Indications".



Warmer, fair weather.



Fair weather, followed by rain.  
Colder.



Fair weather. Cold wave.



Number 1, white flag, six feet square, always indicates clear or fair weather, no rain. Number 2, blue flag, six feet square, indicates rain or snow. Number 3, black, triangular flag, six feet at the base and six feet in length, always refers to temperature. When placed above number 1 or 2 it indicates warmer weather; when placed below number 1 or 2 it indicates colder weather; when not displayed, the indications are that the temperature will remain stationary or that the change in temperature will not vary five degrees from the temperature of the same hour of the preceding day. Number 4, cold-wave flag, six feet square, indicates the approach of a sudden and decided fall in temperature. This signal is usually ordered at least twenty-four hours in advance of the cold wave. It is not displayed unless a temperature of forty-five degrees, or less, is expected, nor is flag number 3 displayed with it.

When displayed on flag-poles the signals should be arranged to read downward; when displayed from horizontal supports a small streamer should be attached to indicate the point from which the signal is to be read; when in the form of symbols, to be displayed on cars, the symbols should be placed one above the other and read downward.

The signals may be withdrawn at 3 p. m.

As the weather indications are telegraphed daily to a large number of stations of the Signal Service, to railroads, etc., in various sections of the country, there are many small towns where they may be obtained by telephone, free of expense. Those desiring to display weather signals and not able to obtain the indications as above, should communicate direct with the Chief Signal Officer, and if it is not practicable to telegraph the indications at the expense of the United States to such places, they will always be furnished at Government rates, at twenty cents per message, sent collect.

Weather signals are now displayed at many stations throughout the United States, and his improved system which is based on that devised by Prof. P. H. Mell, Jr., of Alabama has been adopted with a view of securing uniformity, and is recommended, after a careful test of the several systems now in use. The system is not complicated, the solid colors will secure legibility, and the flags may be supplied at small expense.

There being no funds at the disposition of the Chief Signal Officer for the purchase of flags, if they are desired and cannot be procured in the vicinity, they may be purchased from any of the following firms, at prices ranging from \$6 to \$12 per set:

M. G. Copeland & Co., No. 634 Louisiana Avenue, Washington, D. C. (standard bunting).

Crane & Co., McWhorter and Olive Streets, Newark, N. J.

C. S. Decker & Co., No. 168 State Street, Boston, Mass.

Horstman Bros. & Co., Fifth and Cherry Streets, Philadelphia, Pa. ("Eagle" bunting).

John F. McHugh, No. 1286 Broadway, New York City.

S. Hemmingway, No. 60 South Street, New York City.

P. H. Mell, Jr., Auburn, Alabama.

Correspondence in relation to these flags should be had direct with the above firms and not through this office. The flags may be made of cotton cloth at an expense not to exceed \$2 per set. The displays here outlined may be greatly extended and become one of the most valuable aids to farmers, shippers, and the public generally, by a little exertion and a small expense for flags on the part of those who would be benefited by the signals. Weather signals have been adopted and are in use by some of the principal railroads throughout the country, the symbols, made of tin or sheet iron, being displayed from the baggage cars. These roads transmit over their wires each morning to points from which trains start the names of the symbols to be displayed, the baggage master at those points attending to the signals. Many large firms and corporations are displaying these signals and at the same time advertising their business by printing the signals and their meanings on the back of their business cards.

Communications in reference to the display of signals and symbols in this State should be addressed to

CHARLES F. MILLS, *Director*,  
SPRINGFIELD, ILLINOIS.

# List of Signal Service Display Stations established by the Illinois State Weather Service since July 1, 1887.

(These places receive the weather indications daily, except Sunday, at Government expense. Any prominent point in the State can secure this information free by securing a flag staff and a set of the Weather and Temperature flags advertised on preceding pages. Many of the smaller towns can secure the information by telephone, or by an early mail from the nearest display station, for which purpose official postal cards will be furnished free.)

COUNTY.	PLACE.	NAME OF DISPLAYMAN.
Adams .....	Camp Point.....	Geo. W. Cyrus.....
	Quincy.....	J. Stern & Sons.....
Bond .....	Greenville .....	M. S. Oudyn.....
Bureau... ..	Buda.....	C. P. Mason.....
Carroll.....	Lanark .....	L. G. Burrows.....
Clark.....	Martinsville .....	S. A. Fasig .....
Coles.....	Mattoon.....	M. Kahn & Co.....
Crawford .....	Robinson.....	P. Walker .....
Douglas.....	Tuscola.....	J. C. Jewell.....
Edgar.....	Paris.....	Paris Republican.....
Effingham .....	Effingham.....	H. Weichelman .....
Fayette....	Vandalia .....	Jos. Urbani.....
Ford.....	Gibson City.....	P. A. Coal.....
	Paxton.....	J. W. Lambert.....
Franklin.....	Benton.....	John McPherson.....
Fulton.....	Lewistown .....	A. C. Atherton.....
Greene.....	Carrollton.....	Jas. P. Morrow.....
Hamilton.....	McLeansboro.....	J. R. Campbell.....
Hancock.....	Carthage.....	Jos. A. Spangler.....
Iroquois.....	Watseka.....	Henry Upsall.....
Kane.....	Elgin.....	W. A. Mansfield .....
	Aurora.....	Holmes Miller & Sons.....
LaSalle.....	Ottawa.....	M. Steifel .....
Lawrence.....	Bridgeport .....	G. W. Barr .....
Lee... ..	Dixon.....	W. L. Foote.....
Livingston....	Fairbury.....	Wade Brothers.....
Macon .....	Decatur.....	John Irwin.....
Macoupin.....	Carlinville .....	J. W. Lumpkin.....
Madison ..	Alton.....	Saml. Hays.....
Marion.....	Centralia.....	London Clothing Co.....
Marshall .....	Lacon.....	E. L. Buchanan .....
McDonough.....	Macomb.....	Journal Printing Co.....
McLean.....	Bloomington .....	W. O. Davis.....
Mercer.....	Aledo.....	John W. Edwards.....
Montgomery.....	Litchfield.....	N. S. Cowen.....
Ogle.....	Byron.....	Geo. H. Ades.....
Peoria.....	Peoria.....	Comstock, Avery & Co.....
Pulaski.....	Mound City. ....	Romeo Friganza.....
Putnam....	Hennepin.....	C. & W. Eddy.....
Randolph .....	Chester.....	C. S. St. Vrain .....
Saline .....	Harrisburg .....	Gregg & Grace .....
Shelby.....	Windsor.....	A. H. Hatch... ..
St. Clair .....	Belleville .....	Curt Heinfeldten.....
Stephenson.....	Freeport.....	Jos. Emmert.....
Tazewell .....	Pekin .....	B. C. Alienworth.....
Union.....	Cobden.....	John Buck.....
Warren .....	Monmouth .....	Smith & Dunbar.....
Will.....	Joliet.....	F. B. Loenard.....



ILLINOIS STATE FAIR—OLNEY, SEPTEMBER 24-30, 1888.  
AMERICAN HORSE SHOW—CHICAGO, NOVEMBER 13-24, 1888.  
AMERICAN DAIRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.  
AMERICAN FAT STOCK SHOW—CHICAGO, NOVEMBER 13-24, 1888.  
AMERICAN POULTRY SHOW—CHICAGO, NOVEMBER 13-24, 1888.

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## STATISTICAL REPORT

— OF THE —

# ILLINOIS STATE BOARD OF AGRICULTURE,

— FOR —

## DECEMBER, 1887.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS AS TO THE CONDITION OF THE  
CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

— MADE TO THE —

### Illinois Department of Agriculture.

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CHARLES F. MILLS, SECRETARY,  
*Springfield.*

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**CIRCULAR 139.**

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# Illinois State Board of Agriculture.

## ORGANIZATION FOR 1887-1888.

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President.....	SAMUEL DYSART.....	Franklin Grove
Ex-President.....	JOHN LANDRIGAN.....	Albion
Treasurer.....	JOHN W. BUNN.....	Springfield
Secretary.....	CHARLES F. MILLS.....	Springfield
Chief Clerk.....	W. C. GARRARD.....	Springfield

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## VICE-PRESIDENTS.

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2d District .	J. HARLEY BRADLEY.....	Chicago
3d District.....	M. A. MORSE .....	Chicago
4th District.....	JOHN P. REYNOLDS.....	Chicago
5th District.....	GEORGE REED.....	Belvidere
6th District .....	GEORGE S. HASKELL.....	Rockford
7th District.....	SIMON ELLIOTT.....	Princeton
8th District.....	E. C. LEWIS.....	Ottawa
9th District.....	JOHN VIRGIN.....	Fairbury
10th District.....	D. W. VITTUM, JR.....	Canton
11th District.....	E. B. DAVID.....	Aledo
12th District.....	ALLAN C. RUSH.....	Perry
13th District.....	J. W. JUDY .....	Tallula
14th District.....	LAFAYETTE FUNK... ..	Shirley
15th District.....	E. E. CHESTER.....	Champaign
16th District.....	JOSEPH SKEAVINGTON.....	Albion
17th District.....	DAVID GORE.....	Carlinville
18th District.....	D. B. GILLHAM.....	Upper Alton
19th District.....	B. PULLEN.....	Centralia
20th District.....	J. M. WASHBURN .....	Cartersville



# ILLINOIS CROP REPORT,

—FOR—

DECEMBER, 1887.

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Synopsis of the Reports of Correspondents upon the Condition of the Growing  
Crops, Etc.

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ILLINOIS DEPARTMENT OF AGRICULTURE, }  
SPRINGFIELD, December 1, 1887. }

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of December.

The correspondents are, as a rule, reputable farmers of extended experience who are deeply interested in the accuracy of the returns made to the Department.

A large number of the correspondents have been reporting to this Department during the past eleven years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number over six hundred, and are so distributed over the State as to represent each locality.

## CORN.

The condition of the corn crop up to July 1, was encouraging for a full average yield per acre, but the drouth which prevailed over the entire State during the summer months then began to effect the corn and the result was seen at harvest in the shortest corn crop produced in Illinois since 1869.

The average yield of nineteen bushels per acre is less by six bushels per acre than the yield of 1886, and the total yield of 129,537,603 bushels, is 53,217,415 bushels less than was produced in 1886.

The area of the present crop is 434,163 acres less than the area of the 1886 crop.

## QUALITY.

Less than one-fourth of the counties in the State report the quality of corn equal to an average. The drouth occurring at the most critical period of the corn's growth, when it was filling, the grains were not fully developed, and the corn was light and chaffy.

## VALUE OF CROP.

The price obtained for corn this season, 41 cents per bushel, owing to the short crop, was 11 cents per bushel more than was received last year. The total value of the crop, \$53,718,691, was \$1,053,336 less than that obtained in 1886.

A table published elsewhere in this report gives by counties the area, yield and value of the corn crop for the current year.

The area, yield and value of the corn crop of the State for the past twenty-eight years, is given in the following table:

Year.	Number of acres	Average yield per acre—bushels.	Bushels produced.	Price per bushel—cents.	Total value.	Value per acre.	*Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	3,839,159	30	115,174,770	42½	\$48,944,277	\$12 74	\$10 50	\$40,311,169	\$ 8,633,108	
1861.....	3,839,159	30	115,174,770	24	27,641,944	7 00	10 50	40,311,169	.....	\$12,669,225
1862..	3,458,903	40	138,356,120	23	32,821,911	9 49	10 50	36,818,481	.....	3,496,570
1863.....	3,773,349	22	83,013,681	62	51,479,442	13 64	10 50	39,620,164	11,859,278	.....
1864.....	4,192,610	33	138,356,130	73	103,767,101	24 75	10 50	44,022,405	59,744,696	.....
1865.....	5,032,996	35.2	177,095,852	29½	51,800,536	10 31	10 50	52,751,958	.....	951,422
1866.....	4,931,783	31.6	155,844,350	43	67,031,070	13 58	10 50	51,783,721	15,229,349	.....
1867.....	4,583,655	23.8	109,091,000	68	74,281,880	16 20	10 50	48,128,377	26,153,503	.....
1868.....	3,928,742	34.2	134,363,000	43	57,786,090	14 70	10 50	41,251,791	16,524,299	.....
1869.....	5,237,068	23 2	121,500,000	57	69,255,000	13 22	10 50	54,989,214	14,265,786	.....
1870.....	5,720,965	35.2	202,378,000	35	70,482,300	12 32	10 50	60,070,132	10,412,168	.....
1871.....	5,310,469	38.3	206,391,000	32	65,085,020	12 25	10 50	55,759,921	9,325,196	.....
1872.....	5,468,040	39.8	217,628,000	24	52,230,720	9 53	10 50	57,474,420	.....	5,183,700
1873.....	6,839,714	21	143,684,000	32	45,962,880	6 72	10 50	71,816,997	.....	25,854,117
1874.....	7,421,055	18	133,579,000	56	74,804,240	10 08	10 50	77,921,077	.....	3,116,837
1875.....	8,163,265	34.3	280,000,000	34	95,200,000	11 66	10 50	85,714,282	9,485,718	.....
1876.....	8,920,000	25	223,000,000	31	69,130,000	7 75	10 50	93,660,000	.....	24,530,000
1877.....	8,935,411	30	269,889,742	28	77,562,879	8 68	10 50	93,821,815	.....	16,258,936
1878.....	8,672,088	29	250,560,810	22	56,035,842	6 46	10 50	91,056,924	.....	35,021,082
1879.....	7,918,881	38	305,913,377	32	97,483,052	12 16	10 50	88,148,250	14,334,802	.....
1880.....	7,574,545	33	250,697,036	33	83,757,009	11 56	10 50	79,411,857	4,345,182	.....
1881.....	7,157,334	24	174,491,706	53	93,328,977	12 72	10 52	75,303,074	18,025,903	.....
1882.....	7,371,950	24	179,471,729	42	76,528,755	10 08	10 55	77,802,326	.....	1,273,571
1883.....	7,304,596	25	186,583,558	36	68,067,698	9 00	10 50	76,689,138	.....	8,621,440
1884.....	6,898,819	33	207,556,662	29	60,300,153	8 74	10 45	72,080,712	.....	11,780,559
1885.....	7,212,657	32	230,922,298	28	64,850,545	8 99	10 50	75,682,246	.....	10,831,701
1886.....	7,153,289	25	182,755,053	30	54,772,027	7 66	10 45	74,642,284	.....	19,870,257
1887.....	6,719,126	19	129,537,603	41	53,718,691	7 99	10 45	70,250,210	.....	16,531,519

\*Estimated same as reported for 1860.

## BROOM CORN.

This crop is receiving more or less attention in about seventy counties, the total area being somewhat less than in 1886. Nearly two-thirds of the entire acreage was raised in Coles and Douglas counties. Over one hundred acres was sown to broom corn in the counties of Boone, Champaign, Clark, Clay, Cumberland, Edgar, Henry, Jasper, Knox, Mercer, Montgomery, Moultrie, Piatt and Williamson.

The reports of correspondents show the average yield per acre to be 803 pounds, making a total yield of 28,132,000 pounds. The average price per ton was but \$69, the lowest price obtained since 1878. The total value of the crop was \$973,864.

The following table gives the area, yield and value of the broom corn crop of the State since 1877:



YEAR.	Acreage.	Av. yield per acre. lbs.	Total yield— pounds.	Price per ton.	Value of crop.
1877.....	14,566	458	6,674,747	\$71 20	\$237,594
1878.....	18,258	614	11,218,168	49 50	277,645
1879.....	17,664	632	11,161,238	86 75	484,195
1880.....	18,652	775	14,457,156	77 40	559,447
1881.....	17,887	1,437	25,708,250	128 50	1,651,739
1882.....	43,036	225	9,693,187	80 00	387,680
1883.....	33,922	1,000	33,922,000	90 00	1,481,710
1884.....	25,173	750	16,228,000	72 00	585,572
1885.....	17,382	666	10,514,000	94 00	434,932
1886.....	37,633	526	19,914,000	78 00	776,963
1887.....	35,022	803	28,132,000	69 00	973,864

## SORGHUM.

The area devoted to sorghum in 1887 is not so large as in 1886, but 11,231 acres being reported by the assessors. The average yield per acre was sixty gallons, making the total yield of sorghum syrup for the current year 673,736 gallons.

The total value of the sorghum crop for 1887 was \$309,098. This crop has returned a less amount to the producer but twice in eleven years, viz: 1880, \$267,211, and 1881, \$251,193. In a table published elsewhere is given by counties the area, yield and value of the 1887 crop.

The following table gives the area, yield and value of the sorghum produced in the State since 1877:

YEAR.	Acreage.	Av. yield per acre.— gal.	Total number of gallons.	Price per gallon.	Value of crop.
1877.....	19,335	63	1,237,164	\$0 42	\$515,409
1878.....	14,638	80	1,174,549	45	528,547
1879.....	17,883	73	1,309,400	38	497,572
1880.....	9,825	65	636,216	42	267,211
1881.....	8,263	55	456,714	55	251,193
1882.....	13,757	61	816,892	50	408,446
1883.....	14,023	90	1,272,287	50	604,157
1884.....	13,854	100	1,389,243	45	631,270
1885.....	13,890	92	1,289,446	40	519,622
1886.....	12,637	81	1,021,855	38	393,497
1887.....	11,231	60	673,736	46	309,098

## BUCKWHEAT.

This crop is cultivated to some extent in about three-fourths of the counties in the State, but the areas are generally small, rarely exceeding one hundred acres in a county. The total area, 3,051 acres, is somewhat less than was sown a year ago.

The average yield per acre, eleven bushels, is below the average for a term of years, and the total yield of 33,584 bushels, is but little over half as large as that harvested in 1886.

The price per bushel, 65 cents, is nine cents more than was obtained for the crop of 1886, and the total value of the crop was \$21,832. In 1881 alone has the value of the buckwheat crop been less than the present season.

The area, yield and value of this crop for the past eleven years are given in the following table:

YEAR.	Acreage.	Av. yield per acre.	Bushels produced.	Price per bush.	Value of crop.
1877.....	15,880	13	207,696	\$0 73	\$151 612
1878.....	16,060	9	155,340	1 33	206,608
1879.....	10,786	10	112,180	77	85,257
1880.....	6,681	9	62,128	77	47,838
1881.....	8,648	4½	16,374	1 12	18,329
1882.....	2,469	25	63,743	77	49,838
1883.....	3,491	14	49,397	85	41,800
1884.....	3,526	17	58,641	64	37,864
1885.....	4,318	15	66,874	64	43,174
1886.....	4,830	13	64,136	56	36,256
1887.....	3,051	11	33,584	65	21,832

## HUNGARIAN AND MILLET.

The late crop of hungarian and millet seed of 39,049 bushels, is nearly forty per cent greater than that of 1886, and the price per bushel, 65 cents, is eleven cents per bushel more than that obtained last season.

The total value of the crop, \$25,385, is \$7,832 more than that of 1886.

The following table gives the yield and value of this crop since 1877:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	17,463	\$0 65	\$10,701
1878 ..	26,787	55	14 733
1879.....	43,776	75	32,832
1880..	66,889	70	46,752
1881.....	76,180	95	72,370
1882.....	77,423	69	53,422
1883.....	70,007	62	43,201
1884.....	33,513	51	17,187
1885.....	22,203	60	13,418
1886.....	32,175	54	17,553
1887.....	39,049	65	25,385

## TIMOTHY SEED.

The 1887 crop of timothy seed of 139,564 bushels, is not so large as that of 1886 by 39,617 bushels, but at the prevailing price per bushel, \$2 25, will return to the producer \$311,421, a much larger amount than was obtained from the 1886 crop.

In the following counties the returns from timothy seed amounted to over \$10,000: Marion, \$34,787; Lee, \$34,121; LaSalle, \$17,640; DeKalb, \$13,891, and Wayne, \$10,022.

The following table gives the yield and value of timothy seed for eleven years:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	483,571	\$1 25	\$604,464
1878.....	261,559	1 25	326,949
1879.....	213,329	2 25	479,990
1880.....	400,124	2 20	880,272
1881.....	426,531	2 60	1,108 980
1882.....	320,653	1 68	538,697
1883.....	358,895	1 35	476,447
1884.....	389,056	1 30	512,438
1885.....	167,456	1 55	258,376
1886.....	179,178	1 65	294,803
1887.....	139,561	2 25	311,421



## CLOVER SEED.

More attention is being paid each year in this State to clover, both for hay and seed. The extent of the crop of seed for 1887, is the largest ever reported in the State, amounting to 180,267 bushels. The price per bushel, \$4.15, is less than that obtained since 1878. The total value of the 1887 crop was \$747,982.

Especial attention is paid to clover in the following counties where over \$10,000 was received for clover seed: Adams, Clark, Fulton, Gallatin, Jersey, Johnson, Knox, Lawrence, Macoupin, Madison, Massac, McLean, Ogle, Peoria, Pike, Randolph, Saline, Schuyler, St Clair, Stephenson, Tazewell, Wabash. White, Winnebago and Woodford.

In the following table will be found the yield and value of the crop of clover seed for 1887, as well as for the ten years preceding:

YEAR.	Bushels produced.	Price per bushel.	Total value.
1877.....	64,686	\$4 80	\$310,493
1878.....	77,388	4 05	313,421
1879.....	138,191	5 00	690,955
1880.....	87,144	4 60	400,862
1881.....	125,042	5 20	650,218
1882.....	55,862	5 00	279,310
1883.....	78,656	4 75	375,066
1884.....	138,920	4 40	609,945
1885.....	72,969	5 00	365,523
1886.....	122,612	4 30	524,271
1887.....	180,267	4 15	747,982

## BEANS.

There was an increase in the area sown to field beans in 1887 over that of 1886 of 801 acres, while the average yield of twelve bushels per acre is one-fourth less than that of the preceding year.

The price obtained, \$2.15 per bushel, is much above the average, having been exceeded but twice since 1877, in 1881, \$3.30, and 1882, \$2.22.

The total value of the crop, \$49,983, is much greater than in 1886.

The following table gives the area, yield and value of the 1887 crop of beans, together with those of ten years preceding:

YEAR.	Acreage.	Av. yield per acre.	Yield in bushels.	Price per bushel.	Value of crop.
1877.....	1,545	13	19,955	\$1 50	\$29,916
1878.....	1,669	16	18,627	1 35	25,146
1879.....	2,674	14	36,217	1 50	53,225
1880.....	1,398	11	15,894	1 60	25,430
1881.....	1,012	3	3,267	3 30	10,681
1882.....	983	9	9,776	2 22	21,103
1883.....	1,091	14	15,738	2 00	31,374
1884.....	1,621	13	21,335	1 55	33,017
1885.....	2,660	17	44,457	1 45	64,908
1886.....	1,222	16	17,785	1 60	28,806
1887.....	1,923	12	23,151	2 15	49,983

## CASTOR BEANS.

The area devoted to castor beans in 1887, 14,978 acres, has been exceeded but once, in 1886, in ten years. The average yield of seven bushels per acre is the same as that of the previous season. The total yield was 95,721 bushels.

CROP REPORT.

The prevailing price, \$1.00 per bushel, was as low as was ever obtained for castor beans in this State.

The total value of the 1887 crop was \$95,596.

In the following table is given the area, yield and value of the last eleven crops of castor beans:

YEAR.	Acreage.	Av. yield per acre in bu.	Yield in bushels.	Price per bushel.	Value of crop.
1877.....	4,503	3¼	17,538	\$1 10	\$19,512
1878.....	371	7	2,526	1 25	3,157
1879.....	3,085	8 1-5	24,314	1 00	24,344
1880.....	500	6 4-5	3,480	1 05	3,654
1881.....	758	5¼	4,005	1 65	5,608
1882.....	2,088	2½	4,346	1 26	5,476
1883.....	433	8	3,464	1 35	4,668
1884.....	1,108	17	19,295	1 60	30,794
1885.....	3,825	12	46,283	1 65	76,997
1886.....	19,374	7	136,518	1 30	175,211
1887.....	14,978	7	95,721	1 00	95,596

TOBACCO.

The acreage of tobacco reported by assessors for 1887, is the smallest reported since 1877, but 2,705 acres.

The drouth affected this crop disastrously, and the result was an average yield of but 544 pounds per acre.

The total yield of tobacco was 1,471,528 pounds, which at an average price of 5 cents per pound, brought the producer \$76,538.

In a table published elsewhere in this report will be found by counties the area, yield and value of the 1887 crop.

The following table gives the area, yield and value of the tobacco crops 1877 to 1887:

YEARS.	Acreage.	Av. yield per acre. lbs.	Pounds produced.	Price per pound.	Value of crop.
1877.....	12,320	640	7,885,586	\$0 08	\$638,848
1878.....	3,833	584	2,268,492	07	158,794
1879.....	3,079	390	2,741,329	09	246,719
1880.....	4,091	668	2,736,407	08	218,912
1881.....	3,854	453	1,749,474	08	139,798
1882.....	3,798	622	2,345,931	07	164,215
1883.....	3,092	710	2,195,426	06	140,920
1884.....	4,842	767	3,716,408	09	321,582
1885.....	7,028	802	5,634,066	05	310,922
1886.....	10,365	745	7,719,704	04	313,714
1887.....	2,705	544	1,471,528	05	76,538

PASTURES.

The area in pastures in 1887 of 5,630,571 acres, is an increase over that of 1886.

The value per acre was \$3.10, and the annual value \$17,327,126.

The table published elsewhere in this report gives by counties the area and value of pastures for the current year.

The extent and value per year of pasturage in the State for the last eleven years is given in the following table:



YEAR.	Acreage.	Value per acre.	Total value.
1877.....	4,367,603	\$3 38	\$14,764,112
1878.....	3,983,459	3 10	12,324,647
1879.....	4,193,884	2 95	12,319,620
1880.....	4,257,054	3 40	14,491,114
1881.....	2,206,621	3 40	14,397,176
1882.....	4,697,966	3 75	17,578,690
1883.....	4,752,828	3 60	17,073,741
1884.....	5,085,817	3 80	19,241,249
1885.....	5,417,147	3 25	17,729,714
1886.....	5,537,873	3 45	19,248,836
1887.....	5,630,571	3 10	17,327,126

## VEGETABLES.

## IRISH POTATOES.

The area devoted to Irish potatoes has steadily increased during the past few years, the acreage of the present crop, 125,168 acres, having been exceeded but five times (in 1872, 1873, 1874, 1876 and 1884), in twenty-eight years.

The dry weather curtailed the crop, reducing the average yield to 44 bushels per acre.

The total yield was 5,471,356 bushels, not much more than half that of the 1886 crop, but at the prevailing price of 80 cents per bushel, the total value of the crop, \$4,363,282, exceeded that of the previous season by \$237,017.

The following table gives the area, yield and value of the Irish potato crop of the State for the past twenty-eight years.

YEAR.	Number of acres.	Average yield per acre-bushels.	Bushels produced.	Price per bushel.	Total value.	Value per acre.	*Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	69,225	80	5,540,390	\$0 31	\$1,717,520	\$24 80	\$20 55	\$1,423,190	\$294,330	.....
1861.....	69,225	80	5,540,390	20	1,606,713	23 19	20 55	1,423,190	183,523	.....
1862.....	64,444	100	6,444,400	40	2,577,762	40 00	20 55	1,324,324	1,253,438	.....
1863.....	73,650	70	5,155,523	74	3,815,087	51 80	20 55	1,513,507	2,301,580	.....
1864.....	55,521	81½	4,511,083	1 15	5,187,745	93 43	20 55	1,140,956	4,036,789	.....
1865.....	50,124	117	5,864,408	47	2,770,933	55 27	20 55	1,030,048	1,740,885	.....
1866.....	55,983	86½	5,102,035	64	3,265,302	55 36	20 55	1,212,100	2,053,202	.....
1867.....	60,710	60½	3,673,000	1 20	4,407,600	72 60	20 55	1,247,590	3,160,010	.....
1868.....	53,521	71	3,800,000	81	3,078,000	57 51	20 55	1,099,856	1,978,144	.....
1869.....	72,815	103	7,500,000	41	3,075,000	42 23	20 55	1,496,348	1,578,652	.....
1870.....	104,037	81	8,427,000	64	5,393,280	51 84	20 55	2,147,960	3,255,320	.....
1871.....	117,409	61	7,162,000	85	6,087,700	51 94	20 55	2,412,755	3,674,945	.....
1872.....	128,906	75	9,668,000	46	4,448,280	34 50	20 55	2,649,018	1,798,262	.....
1873.....	137,750	40	5,510,000	1 12	6,171,200	44 80	20 55	2,830,762	3,340,438	.....
1874.....	135,236	55	7,438,000	83	6,173,540	45 65	20 55	2,779,100	3,394,440	.....
1875.....	118,750	128	15,200,000	32	4,864,000	40 96	20 55	2,540,312	2,424,688	.....
1876.....	126,000	75	9,450,000	61	5,764,500	45 75	20 55	2,589,300	3,175,200	.....
1877.....	95,717	71	6,795,349	45	3,057,907	32 95	20 55	1,966,984	1,090,923	.....
1878.....	81,460	63	5,095,477	47	2,394,874	29 61	20 55	1,674,003	720,871	.....
1879.....	90,351	78	7,125,932	50	3,506,788	39 00	20 55	1,856,713	1,650,075	.....
1880.....	93,387	69	6,470,811	56	3,689,348	38 64	20 55	1,992,702	1,696,646	.....
1881.....	85,357	47	4,043,377	1 08	4,393,676	50 76	20 55	1,805,478	2,591,198	.....
1882.....	106,895	100	10,730,234	58	6,261,307	58 00	21 10	2,255,346	4,005,961	.....
1883.....	118,766	125	14,483,006	35	5,105,203	43 75	21 10	2,507,842	2,622,892	.....
1884.....	125,893	94	11,806,082	35	4,093,956	32 52	21 00	2,642,399	1,451,557	.....
1885.....	113,452	89	10,146,159	45	4,377,401	38 58	21 20	2,403,996	1,963,405	.....
1886.....	114,868	80	9,179,631	45	4,126,265	35 92	21 25	2,441,895	1,684,370	.....
1887.....	125,168	44	5,471,356	80	4,363,282	34 86	21 32	2,669,440	1,693,842	.....

\*Estimated same as in 1860.

SWEET POTATOES.

The area planted to sweet potatoes the past season, 2,881 acres, is not so large as in 1886. The average yield of sixty-eight bushels per acre, is the smallest yield reported since 1881, when but sixty-three bushels per acre were obtained. The total yield was 196,594 bushels.

The prevailing price of 95 cents per bushel, is the highest price received for this crop for a number of years, and the total value of \$186,084 has been exceeded but twice since 1877, in 1880 and 1886.

The area, yield and value of the sweet potato crop of 1887 is given by counties in a table published elsewhere in this report.

The following table gives the area, yield and value of the 1887 crop, together with those of the preceding ten years.

YEAR.	Acreage.	Av. yield per acre. bush.	Yield in bushels.	Value per bushel.	Value of crop.
1877.....	2,355	63	148,270	\$0 85	\$126,029
1878.....	1,729	67	116,944	85	99,402
1879.....	1,423	88	126,169	90	112,552
1880.....	3,382	66	224,523	90	202,070
1881.....	1,815	63	114,486	1 08	123,645
1882.....	2,785	77	216,283	80	173,020
1883.....	2,696	83	228,605	75	171,847
1884.....	2,681	103	276,304	67	184,077
1885.....	2,825	92	261,590	59	153,716
1886.....	3,306	87	286,505	69	197,401
1887.....	2,881	68	196,594	95	186,084

TURNIPS AND OTHER ROOT CROPS.

The following table gives the acreage and value of turnips and other root crops grown in the State during the past eleven years:

YEAR.	Acreage.	Value per acre.	Value of crop.
1877.....	7,056	\$39 55	\$279,136
1878.....	3,775	40 85	154,140
1879.....	3,139	230 15	722,444
1880.....	2,300	45 85	105,414
1881.....	3,046	147 20	448,369
1882.....	3,809	245 25	934,291
1883.....	4,361	205 75	897,304
1884.....	3,856	75 75	292,181
1885.....	3,002	83 50	257,387
1886.....	5,002	76 75	383,966
1887.....	2,592	81 20	210,432

LIVE STOCK.

HOGS.

The number of hogs in the State May 1, 1887, as shown by the assessors' returns, was 3,313,317 head. This is 388,178 less than the number reported for 1886. The number of hogs marketed was 2,749,941, which had an average weight of 231 pounds and a gross weight of 636,049,783 pounds.



The price obtained for hogs during the year, \$4.10 per hundred, is better than that received for the two previous years. The total value of hogs marketed was \$26,187,640.

The following table gives the number, weight and value of the hogs marketed during the year:

YEAR.	Assessors' returns.		Estimated per cent marketed.	Number fat hogs marketed.	Av. gross weight per head.	Total gross weight.	Value per 100 lbs. gross.	Total value hog product.
	Number.	Value.						
1856.....	1,596,903	\$3,375,247	70	1,117,832	*262	292,871,984	\$4 75	\$13,911,420
1857.....	1,896,585	4,032,588	70	1,325,509	*262	347,283,358	3 90	13,544,049
1858.....	1,908,603	3,482,116	70	1,336,022	*262	350,037,764	5 05	17,676,909
1859.....	1,725,328	2,495,042	70	1,207,730	*262	316,425,260	4 70	14,871,989
1860.....	1,530,256	2,745,915	70	1,071,179	*262	280,648,898	4 55	12,769,525
1861.....	2,196,581	4,032,874	70	1,537,607	*262	402,853,034	2 45	9,869,898
1862.....	2,601,395	3,198,807	70	1,820,976	*262	477,695,712	3 35	15,982,706
1863.....	2,506,138	2,249,709	70	1,754,296	*262	459,625,552	5 35	24,589,964
1864.....	2,044,847	2,799,158	70	1,441,391	*262	375,024,442	11 45	42,940,294
1865.....	1,746,005	3,359,621	70	1,220,103	288	351,389,664	9 35	32,854,937
1866.....	2,007,500	4,474,354	70	1,405,250	290	407,522,500	5 75	23,432,544
1867.....	2,616,814	5,230,731	70	1,831,770	251	459,774,270	6 35	29,195,668
1868.....	2,300,150	3,692,869	70	1,670,105	257	418,796,985	8 15	33,724,455
1869.....	2,056,304	3,929,832	70	1,429,413	256	365,929,728	9 20	33,665,532
1870.....	2,220,651	4,114,108	70	1,554,456	207	446,128,872	5 25	23,421,767
1871.....	2,938,749	4,613,529	70	2,057,124	284	584,223,216	4 10	23,953,151
1872.....	3,292,165	4,060,736	70	2,004,515	290	668,309,350	3 75	25,061,599
1873.....	3,560,192	11,279,720	70	2,492,134	267	665,399,778	4 35	28,944,891
1874.....	3,452,213	8,972,402	70	2,416,549	261	630,719,289	6 65	41,942,833
1875.....	2,803,969	8,157,128	70	1,966,978	271	533,051,038	7 05	37,580,095
1876.....	2,665,935	8,934,673	70	1,866,154	268	500,129,272	5 75	28,757,435
1877.....	2,961,366	7,580,920	82	2,455,573	252	618,804,396	4 25	26,299,187
1878.....	2,335,550	4,991,275	68	2,271,493	242	550,955,097	2 80	15,426,743
1879.....	2,799,051	3,812,328	90	2,543,278	276	702,102,812	3 30	23,169,392
1880.....	3,233,557	4,800,364	84	2,642,606	248	656,485,450	4 00	26,259,416
1881.....	2,872,074	5,354,800	71	2,039,149	234	492,096,606	5 25	25,946,974
1882.....	3,390,335	5,455,161	83	2,813,961	244	686,908,678	6 40	43,832,117
1883.....	3,414,739	5,767,778	83	2,834,220	233	686,454,022	4 75	32,702,001
1884.....	2,808,898	5,205,740	83	2,361,374	236	549,650,787	4 50	24,886,854
1885.....	3,858,030	6,018,527	83	3,202,145	239	764,111,688	3 50	26,673,739
1886.....	3,701,495	4,885,973	83	3,072,229	234	719,271,490	3 60	26,076,402
1887.....	3,313,317	4,903,709	83	2,749,941	231	636,049,783	4 10	26,187,640

\*Estimated.

## CATTLE.

The assessor's returns of cattle for May, 1887, of 2,480,401 head, show a slight increase over the number assessed in 1886. The number of beef cattle marketed during the year was 571,481, with a gross weight of 605,887,679 pounds. The average weight of the cattle marketed was 1,060 pounds.

The price obtained for cattle during the year, \$3.24 per hundred, is the lowest price reported in thirty-two years.

This depression in prices is largely due to the long continued drouth of the summer, which forced the large cattle-raisers to take their stock off the ranches, and thus flooded the market. The value of cattle of late years has been fixed upon a basis of one-half the market value by the State Board of Equalization.

The following table gives the number and assessed value of the cattle of the State since and including 1856, together with the number, weight and value of the cattle marketed during that time:

YEAR.	Assessors' Returns.		Estimated per cent. marketed	Number beef cattle marketed.	Av. gross weight per head.	Total gross weight.	Value per 100 pounds gross.	Value beef cattle marketed.
	Number.	Value.						
1856.....	1,169,855	\$15,572,065	20	239,971	*1,000	233,971,090	*\$4 75	\$11,113,622
1857.....	1,351,209	16,171,830	20	270,242	*1,000	270,242,000	*4 75	12,836,495
1858.....	1,422,249	44,442,821	20	284,450	*1,000	284,450,000	*4 75	13,541,375
1859.....	1,336,565	12,371,600	20	267,513	*1,000	267,513,000	*4 75	12,706,867
1860.....	1,425,978	12,468,537	20	285,196	*1,000	285,196,000	*5 00	14,259,800
1861.....	1,428,362	11,494,803	20	285,672	*1,000	285,672,000	*5 00	14,283,000
1862.....	1,603,946	11,032,662	20	320,790	*1,000	320,790,000	*5 00	16,039,500
1863.....	1,684,892	12,699,732	20	336,978	*1,000	336,978,000	*5 00	16,848,900
1864.....	1,370,783	13,709,418	20	374,157	*1,000	374,157,000	5 05	13,844,928
1865.....	1,568,280	14,285,862	20	213,656	*1,000	213,656,000	5 70	12,178,392
1866.....	1,435,769	13,279,620	20	287,154	*1,000	287,154,000	5 60	16,080,626
1867.....	1,386,381	17,179,165	20	297,276	*1,000	297,276,000	5 75	17,093,370
1868.....	1,520,963	15,801,830	20	304,195	1,085	340,049,405	5 75	18,977,840
1869.....	1,584,445	15,497,350	20	316,889	1,103	346,528,567	5 70	19,923,130
1870.....	1,578,015	14,555,321	20	315,603	1,110	350,319,330	5 85	20,493,679
1871.....	1,611,349	14,605,415	20	322,270	1,129	363,842,830	4 75	17,282,533
1872.....	1,684,029	14,778,925	20	336,809	1,137	382,948,422	4 85	18,572,997
1873.....	2,015,819	35,776,899	20	403,164	1,145	461,622,780	4 50	20,773,026
1874.....	2,042,327	31,928,374	20	408,465	1,152	470,551,689	4 85	22,821,757
1875.....	1,985,155	28,323,950	20	397,031	1,147	445,394,557	4 85	22,086,633
1876.....	1,857,301	24,827,932	20	371,460	1,156	429,407,760	4 05	17,891,016
1877.....	1,750,931	21,677,643	24	423,984	1,097	448,151,088	4 25	19,006,421
1878.....	1,775,401	19,861,633	20	357,816	1,021	365,458,112	3 45	12,608,304
1879.....	1,862,265	18,893,811	24	467,331	980	448,463,450	3 50	15,696,219
1880.....	1,999,788	19,895,484	23	473,727	1,042	493,554,661	3 64	18,014,743
1881.....	2,045,366	20,528,846	23	470,424	1,129	531,280,052	4 15	21,950,890
1882.....	2,012,902	20,497,966	23	462,943	1,118	517,619,770	4 45	33,135,715
1883.....	1,959,867	20,581,411	23	453,055	1,060	481,144,410	4 25	20,448,637
1884.....	1,990,927	20,176,698	23	457,887	1,093	500,412,461	4.50	22,521,246
1885.....	2,166,059	20,815,827	23	497,586	1,101	548,126,905	3 95	21,595,137
1886.....	2,337,074	20,659,734	23	538,921	1,104	595,120,137	3 50	21,005,174
1887.....	2,480,401	20,612,132	23	571,481	1,060	605,887,679	3 24	19,631,401

\*Estimated.

SHEEP.

The number of sheep in the State has not increased any during the past five years. The number reported by assessors May 1, 1887, (777,716) is 113,928 less than the number on hand at the same date in 1886.

The number of sheep marketed during the year was 168,010, with a gross weight of 16,668,685 pounds. The average weight of the sheep marketed was 99 pounds.

The price received, \$3 05 per hundred, was somewhat better than the prices obtained in 1885 and 1886. The total value of the sheep marketed was \$511,765.

The following table gives the number, weight and value of the sheep assessed and marketed for 1887, as well as for thirty-one years previous.



YEAR.	Assessors' Returns.		Estimated per ct. marketed.	Number fat sheep marketed.	Ave. gross wt. per head.	Total gross weight.	Value per 100 lbs. gross.	Value fat sheep product.
	Number.	Value.						
1856.	786,433	\$940,034	20	157,286	*90	14,155,740	*\$3 50	\$495,450
1857.	760,602	881,226	20	152,120	*90	13,690,300	*3 70	506,560
1858.	760,793	806,455	20	152,188	90	13,694,220	2 30	314,967
1859.	647,334	682,082	20	129,467	91	11,791,497	3 80	447,694
1860.	584,430	695,035	20	116,886	95	11,104,170	3 39	366,440
1861.	731,809	747,437	20	146,278	104	15,212,704	3 30	366,439
1862.	913,024	982,285	20	182,605	102	18,625,710	3 90	625,402
1863.	1,206,625	1,910,654	20	241,325	110	26,565,750	4 95	1,214,012
1864.	1,606,144	2,876,696	20	321,229	111	35,656,319	5 91	2,107,293
1865.	2,165,972	3,955,102	20	433,194	†90	38,987,460	5 65	3,292,788
1866.	2,416,980	3,283,595	20	483,016	104	50,233,664	4 35	2,185,196
1867.	2,599,998	3,512,590	20	519,999	98	50,950,922	*4 25	2,195,796
1868.	2,336,717	2,337,896	20	467,343	*90	42,960,870	3 80	1,598,314
1869.	1,957,513	1,612,472	20	391,513	85	33,278,605	3 85	2,281,226
1870.	1,434,236	994,610	20	286,847	*90	25,816,230	4 19	1,058,464
1871.	1,073,497	632,254	20	214,699	*90	19,322,910	4 40	850,207
1872.	1,010,475	1,024,468	20	202,095	*90	17,188,550	4 15	754,826
1873.	1,082,104	2,135,593	20	218,421	*90	19,657,890	4 75	933,750
1874.	1,036,831	1,676,090	20	207,366	*90	18,962,744	4 40	821,168
1875.	928,056	1,399,397	20	185,611	*90	16,704,990	4 90	818,545
1876.	824,854	1,185,736	30	164,971	*90	14,874,390	4 50	698,133
1877.	757,105	1,008,054	†31	241,422	95	23,176,512	4 40	1,019,766
1878.	775,757	883,036	†18	144,762	86	12,531,597	3 80	476,201
1879.	847,101	930,607	†22	191,368	94	18,071,371	2 98	538,528
1880.	1,088,544	1,403,352	†20	261,230	92	26,550,072	3 55	938,861
1881.	964,696	1,246,822	†24	193,384	101	17,817,358	3 40	605,448
1882.	1,203,183	1,348,181	22	264,576	101	26,641,005	3 09	954,863
1883.	1,141,104	1,264,202	22	651,031	102	25,506,495	3 40	874,853
1884.	933,330	1,083,853	22	205,322	100	20,603,032	3 30	679,758
1885.	953,933	973,012	22	209,854	98	20,691,213	2 85	589,516
1886.	892,644	848,012	22	196,375	99	19,538,651	3 00	582,509
1887.	777,716	746,607	22	168,010	99	16,668,685	3 05	511,765

\* Estimated. † Assessors' returns.

### WOOL.

There has been no increase in the wool clip the past year in most of the counties of the State, as will be seen by a reference to the table published elsewhere in this report where the number of pounds shorn and the price obtained is given by counties.

The total number of pounds shorn was 3,130,132, for which the grower received \$753,554. The average price per pound, 24 cents, was a trifle better than that obtained for several years past.

The following table gives the number of pounds shorn, the price per pound, and the total value of the wool clip for eleven years past:

YEAR.	Number pounds shorn	Price per pound.	Total value.
1877.	3,291,677	\$0 30	\$987,503
1878.	2,891,087	25	722,752
1879.	3,944,558	35	1,380,595
1880.	4,757,938	34	1,617,698
1881.	4,636,711	29	1,344,646
1882.	4,570,081	27	1,233,922
1883.	4,447,808	26	1,099,822
1884.	4,301,024	21	912,418
1885.	3,833,505	21	815,509
1886.	3,577,253	23	843,521
1887.	3,130,132	24	753,554

HORSES.

The number of horses and colts in the State is steadily increasing. The total number assessed in 1887 was 914,026. The number of colts foaled in 1886 was 122,492.

A table published elsewhere in this report gives by counties the total number of horses and colts in the State since 1882, and also the number of colts foaled for the same years.

DAIRY PRODUCTS.

MILK.

The following table gives the number of gallons and value of the milk sold in the State during the past eleven years:

YEAR.	Gallons sold.	Price per gallon.	Total value.
1877.....	17,124,506	\$0 11 1-6	\$1,912,236
1878.....	30,567,415	10½	3,209,579
1879.....	96,659,845	08	7,732,788
1880.....	38,986,861	09 1-6	3,573,796
1881.....	40,153,488	09½	3,814,581
1882.....	41,433,620	20	8,286,724
1883.....	43,006,273	14	5,923,207
1884.....	50,056,318	13	6,703,071
1885.....	54,321,937	14	7,583,372
1886.....	53,413,133	12	6,679,360
1887.....	42,000,560	13	5,505,375

CREAM.

The quantity and value of the cream sold in the State since 1876 is given in the following table:

YEAR.	Gallons sold.	Price per gallon.	Total value.
1877.....	2,744,259	\$0 55	\$1,509,342
1878.....	62,707	52	32,608
1879.....	230,497	49	112,943
1880.....	601,314	50	300,657
1881.....	1,380,939	51	704,279
1882.....	2,188,396	62	1,356,805
1883.....	2,324,579	27	1,229,826
1884.....	1,479,183	40	600,219
1885.....	2,553,415	46	1,184,986
1886.....	3,468,498	50	1,728,293
1887.....	2,435,439	52	1,271,451

BUTTER.

In the following table will be found the quantity and value of the butter sold in Illinois during the past eleven years:



YEAR.	Pounds sold.	Price per pound.	Total value.
1877.....	18,970,227	\$0 20	\$3,794,045
1878.....	17,997,652	15	2,699,648
1879.....	25,028,225	19	4,755,363
1880.....	24,553,449	20	4,910,690
1881.....	21,578,414	26	5,610,647
1882.....	21,658,054	25	5,414,763
1883.....	22,198,376	25	5,606,737
1884.....	22,696,333	21	4,749,507
1885.....	20,166,720	19	3,812,664
1886.....	19,779,293	19	3,726,323
1887.....	19,121,237	21	3,970,919

## CHEESE.

The quantity and value of the cheese sold in the State since 1876.

YEAR.	Number pounds sold.	Value per pound.	Total value.
1877.....	4,502,671	\$0 12	\$540,320
1878.....	5,139,914	10	513,691
1879.....	6,618,212	13	860,367
1880.....	6,187,680	13	803,398
1881.....	5,837,974	15	875,696
1882.....	5,252,036	14	735,285
1883.....	4,931,826	14	672,474
1884.....	4,795,697	10	488,622
1885.....	2,312,266	10	230,795
1886.....	2,557,865	10	267,503
1887.....	3,484,933	12	422,018

## FRUITS.

## APPLES.

The number of bushels of apples produced in the State in 1887, is the smallest number produced for eleven years.

The following table gives the number of bushels of apples, and the value of the crops, since 1876:

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	5,395,351	\$0 80	\$4,316,281
1878.....	4,940,811	65	3,211,527
1879.....	5,958,690	75	4,469,017
1880.....	10,342,186	56	5,791,624
1881.....	2,659,529	1 22	3,244,625
1882.....	6,557,128	80	5,245,702
1883.....	6,818,520	75	5,134,042
1884.....	4,152,925	65	2,987,850
1885.....	3,778,644	61	2,292,731
1886.....	4,037,765	52	2,118,640
1887.....	1,958,338	85	1,704,695

## PEACHES.

The following table gives the quantity and value of the peaches produced in the State during the past eleven years:

YEAR.	Number of bushels.	Price per bushels.	Value of crop.
1877.....	402,587	\$0 92	\$370,280
1878.....	607,292	62	376,521
1879.....	25,749	1 34	34,503
1880.....	398,970	80	219,176
1881.....	96,507	1 55	149,586
1882.....	319,911	83	265,526
1883.....	260,923	1 10	286,765
1884.....	135,329	1 70	227,443
1885.....	51,466	75	38,741
1886.....	36,783	1 25	45,705
1887.....	12,829	1 20	15,213

## PEARS.

The following table gives the extent and value of the pear crop of the State, since and including 1877.

YEAR.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	16,318	\$1 35	\$22,704
1878.....	13,510	1 25	16,887
1879.....	6,134	1 55	9,508
1880.....	35,714	1 30	46,428
1881.....	14,135	1 80	25,443
1882.....	9,964	1 33	13,252
1883.....	7,128	1 80	12,737
1884.....	4,418	1 40	6,128
1885.....	11,450	1 05	12,317
1886.....	5,579	1 15	7,489
1887.....	5,526	1 75	9,671

## OTHER FRUITS AND BERRIES.

The following table gives the acreage and value of other fruits and berries not named above, for the past eleven years:

YEAR.	Acreage.	Value per acre.	Value of crop.
1877.....	4,523	\$39 53	\$178,800
1878.....	2,559	55 51	197,581
1879.....	3,111	59 62	185,488
1880.....	7,803	29 65	231,417
1881.....	7,670	26 34	298,086
1882.....	5,881	47 50	279,360
1883.....	4,583	58 33	267,313
1884.....	10,181	24 63	250,747
1885.....	6,401	32 46	305,123
1886.....	7,884	29 82	235,140
1887.....	7,528	27 25	205,140



## GRAPES.

The following table gives particulars concerning the grape crop of the State for the past eleven years:

YEAR.	Pounds produced.	Price per pound.	Total value.
1877.....	3,002,748	\$0 03	\$92,782
1878.....	1,322,636	03	57,679
1879.....	3,174,952	03	95,548
1880.....	7,833,041	03	234,991
1881.....	1,115,902	04	55,795
1882.....	1,013,390	04	40,536
1883.....	695,100	05	36,344
1884.....	467,014	05	22,500
1885.....	331,404	04	13,472
1886.....	973,773	04	26,389
1887.....	2,318,401	03	81,837

## WINE.

The following table gives the number of gallons of wine and the value thereof during the past eleven years.

YEAR.	Acreage.	Av. yield per acre. gal.	Number of gallons.	Price per gallon.	Total value of wine made.
1877.....	2,612	61	158,944	\$1 20	\$191,933
1878.....	5,178	27	142,964	1 20	171,557
1879.....	2 800	112	326,323	1 30	424,230
1880.....	4,340	122	530,990	1 15	610,638
1881.....	3,663	35	129,830	1 35	175,282
1882.....	3,235	30	96,282	86	82,802
1883.....	3,500	21	73,898	1 20	85,518
1884.....	1,092	21	43,114	1 15	48,605
1885.....	1,447	31	44,936	95	43,125
1886.....	2,255	50	112,714	1 05	121,408
1887.....	4,115	58	240,549	65	155,934

## WINTER WHEAT.

The acreage seeded to winter wheat in the fall of 1887, 2,241,813 acres, is three per cent. less than that reported by the assessors as harvested in 1887.

The drouth retarded the seeding nearly thirty days, so that the plant did not go into winter quarters with so good a start as usual.

The condition of the crop is not nearly so good at this date, December 1, as usual. In comparatively few counties is the condition up to an average.

In the following counties the December 1 condition is up to or above an average: Bureau, 100; Carroll, 102; Champaign, Cook, Douglas, DuPage and JoDaviess, 100; Lake, 110; Lee, 105; McHenry and Monroe, 100; Putnam, 103; Stephenson, 102; Vermilion and Whiteside, 100.

A table published elsewhere in this report gives the acreage of 1887 as returned by the assessors, and the comparative acreage of 1888 (seeded fall of 1887), as reported to this Department by crop correspondents.

## RYE.

The same conditions which affected the wheat crop, affected rye also, though its December 1 condition is slightly better than that of wheat. The area sown to rye this season is not quite so large as that sown the fall of 1886.

The area and condition of rye is given by counties in a table published elsewhere in this report.

## AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc. The observers of this Department are, as a rule, farmers of extended experience and practical judgment, representative men of public spirit and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this Department during the past eleven years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

*Secretary.*



## CORRESPONDENTS' REMARKS.

ADAMS—The quality of the corn is a little below the average. On high ground the ears are small but sound. The average yield per acre is 25 bushels; about the same as last year. Owing to the severe and continued drouth during the fall seeding season, winter wheat and rye did not make the usual growth before winter set in. In many fields the plant looks dead, and the general outlook is not encouraging for an average yield at harvest. The yield of Irish and sweet potatoes is not up to the average for this county, and the quality is not good. The grape yield was much larger than that of last season. Apples made about one-fourth of an average crop. Pears yielded better than usual. The dairy interest is not receiving the attention its importance demands. The drouth of last summer nearly destroyed the pasturage, and caused many farmers to dispose of their dairy stock at very low prices. The supply of fat hogs is not as large as that of last season at a corresponding date. The prices are considerably higher. The supply of beef cattle and fat sheep is 25 per cent. less than at the corresponding date in 1886. Prices about the same. The general condition of live stock is fair, there having been but little loss from disease of any kind.

ALEXANDER—The average yield per acre of corn is 20 bushels, fully one-third less than that of the previous season. The quality is much better than was expected when the drouth is taken into consideration. The area seeded to winter wheat is about the same as last season. The growth has been small, owing to the lack of moisture during the fall, but the plant is healthy. Winter rye is in about the same condition as wheat. The yield of Irish potatoes is very good, and the quality about an average. Sweet potatoes made but small yield. The grape, peach and pear crop was better than for several years past. Apples made about one-half a crop. There is a marked improvement in the attention paid to dairying in this county. Farmers are paying more attention to the production of various grass seeds than heretofore, and are meeting with considerable success. The supply of beef cattle is about the same as last season, and prices are considerably lower. The supply of fat hogs and

sheep is fully 25 per cent. less than in 1887. Farm animals are in good condition and health.

BOND—The average yield per acre of the corn crop was never less than this season. The estimated yield on the acreage planted is two bushels, and the quality is very poor. A few fields on the bottom lands made fair corn. The acreage of winter wheat is considerably increased over that of last season and its condition is good; the same may be said of winter rye. Irish and sweet potatoes did not make the usual yield, owing to the continued drouth during the growing season. Grapes and pears yielded about three-fourths of an average crop. Apples but little over a third of a crop, while peaches were more abundant than for several years past. The dairy interest is in very good condition and there is a large increase in the dairy products generally, over that of last season. The supply of beef cattle is not more than fifty per cent. of that of last season. The scarcity of feed induced many farmers to dispose of all their surplus stock before winter set in. The supply of fat hogs and sheep is about two-thirds of that of last season. The general health and condition of live stock is good. In some localities cholera has destroyed many young hogs.

BOONE—Owing to the drouth the quality of corn is considerably below the average for this county. The yield per acre is about twenty bushels, which is somewhat larger than that of last season. The area devoted to winter wheat is about the same as that of last season and its condition is very good. The area however is not large. There is a considerable increase in the area devoted to winter rye and its growth has been fair during the fall. The yield of Irish potatoes was considerably below the average and the quality not good. The dairy interest is in a flourishing condition and there is a large increase in all its products. The supply of fat hogs, sheep and beef cattle is about one-fourth less than that of last season. Prices are fair. The apple crop was nearly a failure. Grapes yielded well. There is an increased interest in the importation and breeding of draft



horses in this county. The favored breeds are the Percheon and Clydesdale. Farm animals are in good condition and health.

**BROWN**—The quality of corn is light and chaffy on the up lands, but is much better on low lands. The yield per acre is about twenty-seven bushels. The area seeded to winter wheat and rye is about the same as last season. The condition of the plant is good and is improving rapidly since the recent rains. Irish and sweet potatoes made a very fair yield, quality good. The yield of grapes and peaches is about the same as last season. Apples and pears yielded about a half crop. There is considerable improvement in the dairy interest of this county and many farmers are increasing their herds of dairy cattle. Farmers are paying considerable attention to the production of grass seeds and are meeting with fair success. The supply of fat hogs on hand ready for market is fully one-third short of that of last season; prices are, however, somewhat higher. The supply of beef cattle is about one-fourth less than last season at a corresponding date and there are but few fat sheep in the county ready for market. There are few counties in the state where more attention is given to the improvement of the various breeds of live stock. The high prices paid during the past few years for heavy horses, has induced many farmers to turn their attention to breeding draft horses. The Clydesdale, French Draft, Percheron and English Shire are all bred in this county. Live stock is in good condition and health.

**BUREAU**—The average yield of corn per acre will not exceed 18 bushels. The quality is rather light and chaffy. There is a slight increase in the area seeded to winter wheat this fall, over that of last season. And the general condition of the plant is good. Winter rye has also an increased area and is doing well. The Irish potato crop was nearly a failure, the drouth during the growing season greatly injured the plant. There was but little fruit of any description. There is a growing interest manifested in the dairy. The creameries are doing good work and giving general satisfaction to both producer and consumer. The supply of fat hogs, sheep and beef cattle is about one-fourth less than at the corresponding date last season. Prices are ruling a little higher than on December 1, 1887. There is an increased interest in the improvement in the various breeds of farm animals, and during the past season a number of imported horses have been purchased and been brought into the county. There are but few counties in the State that equal Bureau in the interest manifested in the improvement of stock. In some localities in the county, cholera has been very severe among young hogs, while other localities have been comparatively free from the disease.

**CALHOUN**—The quality of corn is very good, the ears are dry and firm. The average yield per acre of corn, is 28 bushels. The area seeded to winter wheat is about the same as that of last season, whilst the growth has not been large, the stand is strong and healthy. The same may be said of winter rye. The Irish and sweet potato crop has seldom been poorer than this season. There was a fair yield of grapes and pears and but little of any other variety of fruit. There is but little attention paid to the dairy interest in this county. The supply of fat hogs, sheep and beef cattle is somewhat less

than that of the previous season but prices are a little higher than on December 1, 1887. Farm animals are in fair condition and with the exception of cholera among hogs, are in good health. During the past season more attention than usual has been given to the improvement of live stock in this county.

**CARROLL**—The average yield of corn per acre is somewhat larger than that of last season. The quality is nearly up to an average. There is an increased area seeded to winter wheat and rye and the general condition of the growing crop is good. The yield of Irish and sweet potatoes was short of an average, owing to the drouth during the summer months. Apples made about a half crop. The yield of grapes has seldom been larger than this season. The dairy interests of the county are in flourishing condition and receiving more attention each succeeding year. The product and prices obtained for it are encouraging to those engaged in this industry. The supply of marketable fat hogs and beef cattle is about one-fifth less than at a corresponding date last season; the prices are somewhat higher. There are but few fat sheep in the county. Owing to the low price of wool, sheep raising has nearly been abandoned. There is very marked improvement in the breeds of horses and cattle during the past two years. A number of draft stallions have been imported into the county during the past season. With the exception of cholera among hogs there has been but little disease among stock.

**CASS**—The average yield per acre of corn is thirty-three bushels, about twenty-five per cent higher than the average of last season. The quality is nearly up to the average on low tiled lands, but on the up lands it is chaffy and light. The area devoted to winter wheat and rye is about the same as that of last season. The stand is good but the growth has not been as rapid as usual, owing to the drouth. The Irish potato crop was nearly a failure. There was about half a crop of grapes and but little of any other variety of fruit. Very little attention is paid to the dairy in this county. The improvement of the breeds of horses and cattle is engrossing the attention of the farmers of this county and many of the most improved herds in the State are owned here. There is little or no cholera reported among hogs; live stock generally is in good condition. The supply of fat hogs and beef cattle is not as large as last season at a corresponding date. Prices are somewhat higher. There is but little over half as many marketable sheep in the county as last season. The production of grass seed is receiving more attention than heretofore.

**CHAMPAIGN**—The corn crop has been gathered in good order and but little of it remains in the field at this date. The quality is fair but the yield will not exceed twenty bushels per acre. Winter wheat and rye are doing well but the growth has not been as large as usual for this date. The area is somewhat increased over that of last season. The potato crop was nearly a failure; the drouth during the growing season having greatly injured the plant. There were but few apples. Grapes and pears yielded an average crop. But little attention is paid to the production of the various grass seeds. There are few counties in the State where greater interest is manifested in the dairy than this. The supply of marketable hogs, beef cattle and sheep is nearly one-fifth less than that of last season.



Farmers are paying considerable attention to the improvement of all kinds of live stock, especially to heavy horses which command high prices in the eastern markets. Hogs are unusually free from cholera, and live stock generally is in good condition.

**CHRISTIAN**—The quality of corn is hardly up to the average and the yield per acre is about twenty-two bushels. There is an increased area seeded to winter wheat and since the recent rains, the plant has made rapid growth, although not as large as usual for this date. There is a decrease in the area seeded to rye and its general condition is about the same as that of wheat. The drouth greatly injured the prospect for Irish and sweet potatoes, and the yield per acre is less than for several years past. The fruit crop, with the exception of grapes and pears was a failure. There were but few apples, of a very inferior quality. Considerable attention is paid to the production of the various grass seeds. The interest manifested in the dairy is on the increase. The supply of fat hogs is but little more than one half as large as that of last season. Prices are somewhat higher. There is about three-fourths as many sheep and beef cattle on hand as at a corresponding date last season. This county will compare favorably with almost any in the State, in the interest manifested in the various breeds of horses and cattle. Cholera during the fall, has been very severe among young hogs and pigs. Other live stock are in a comparatively good health and condition.

**CLARK**—The average yield of corn per acre, 7 bushels, is the smallest yield of the past ten years. The drouth and chinch-bug together, nearly ruined the crop, and the quality has never been poorer. The area devoted to winter wheat is about the same as that of last season and the condition of the growing crop is much below the average for December 1. The same may be said of winter rye. There were but few Irish and sweet potatoes, owing to the drouth during the growing season. Tobacco made a fair yield. There was about one-third of a crop of apples and pears, and more peaches than for several years past. Farmers are paying more attention to the dairy than heretofore, and many of them are increasing the number of milk cows. The production of grass seed is also receiving more attention than ever before. The supply of marketable fat hogs and beef cattle is not more than half as large as that of last season at corresponding date. Prices are a little higher than those of last season. The supply of sheep is fully 25 per cent. less than on December 1, 1887. Farm animals are in good condition and health. There is a general improvement in all the breeds of live stock.

**CLAY**—Corn grown on prairie land was almost an entire failure; that grown on the timber land was somewhat better. The average yield in the county will not exceed four bushels per acre, and the quality has seldom been poorer. The acreage seeded to winter wheat is but little over half as large as that of last season, and the condition of the growing crop, owing to the drouth during the fall, is considerably below the average for this date. The usual area has been seeded to winter rye, and its condition is very good. Tobacco made a fair yield. Irish and sweet potatoes yielded much less than an average crop, owing to the drouth. Grapes, apples and pears yielded about two-

thirds as large a crop as in 1886. There were more peaches than for several years past. The production of grass seed of various kinds is receiving more attention than heretofore, and with more success. The dairy interest is meeting with much encouragement and there is a large increase in all its products. The supply of marketable fat hogs and beef cattle is about 25 per cent. less than that of last season at a corresponding date. The supply of fat sheep is fully one-third less than that of last season. The drain tile is being successfully used on the low flat lands, with encouraging results. There is too little attention paid to the various breeds of live stock, although some of the more enterprising farmers have invested in imported cattle and horses. Live stock generally is in good condition and health.

**CLINTON**—The drouth during the growing season about ruined the corn crop and the average yield per acre will not exceed four bushels. The quality is light and cheap.

The acreage seeded to winter wheat is about the same as last season. The stand is good but the plant has made little growth during the fall. The same may be said of rye. There was about one-fourth of a crop of apples and a full average crop of other varieties of fruit. Irish and sweet potatoes did not yield as large as usual, owing to the drouth during the summer. More attention than heretofore is being paid to the production of grass seeds. During the year there has been considerable interest manifested in the dairy, the product of which is much larger than heretofore. The supply of fat hogs, cattle and sheep is about twenty per cent less than that of corresponding date of last season. Prices are ruling a little higher. Farmers are paying more attention to the improvement of the breeds of live stock, especially to the milch breeds of cattle. The condition and health of live stock is good.

**COLES**—The quality of the corn crop, is about up to the average. The yield per acre, seventeen bushels, much below the average. The area seeded to winter wheat is a little less than that of last season and the condition of the growing crop not up to the average for this date. The fall has been very dry and the seeding has generally been late. The rye area is fully twenty per cent less than that of last season and its general condition about the same as that of wheat. Broom corn yielded about one-third of a ton per acre. The Irish potato crop was nearly a failure. Sweet potatoes made a fair yield. There was not more than one-fourth of a crop of apples, peaches and pears. Grapes yielded abundantly. Some attention is being paid to the production of grass seed. The supply of fat hogs, beef cattle and sheep is nearly twenty-five per cent less than that of a corresponding date last season. Prices generally are ruling higher than on December 1, 1886. Coles takes a leading position among the improved stock-raising counties of the State. Nearly every farmer paying more or less attention to the improvement of live stock. During the past season a number of specimens of Short Horn and Hereford breeds of cattle have been brought into the county. The draft horse, for the past few years, has commanded unusually high prices, and many farmers are giving their entire attention to this class of stock. Farm animals are in good condition and health.

**CRAWFORD**—The average yield of corn per acre will not exceed nine bushels. The



quality is much below the average, owing to the drouth and chinch-bug. There will be little or no corn sold outside of the county. Winter wheat and rye are not looking as well as usual for this date, owing to the want of rain during the fall. The area devoted to these crops is less than that of last season. Broom corn yielded about one half a ton per acre. Tobacco made a fair yield. Irish and sweet potatoes did not yield as large as usual. There was not more than half a crop of any variety of fruit, and the quality was much below the average. There is an increased interest manifested in the dairy and many farmers are increasing the number of their milk cows, with a view of giving especial attention to this industry. Considerable attention is given to the production of timothy seed. The supply of fat hogs and beef cattle ready for market, is not more than half as large as that of last season at corresponding date. The improvement of the breeds of cattle and horses, can be seen on nearly every farm, and each succeeding year the standard of excellence is raised. Live stock is in good condition and health. No cholera among hogs reported.

CUMBERLAND—The average yield of corn will not exceed 6 bushels per acre, and the quality is much below the average. The area devoted to winter wheat and rye is considerably less than that of last season, and the condition of the growing crops is much below an average for this date, owing to the drouth during the seeding season. Broom corn yielded about one-third of a ton per acre. Tobacco made a fair yield. Irish and sweet potatoes did not make more than half a crop, owing to the drouth. There was a fair crop of grapes, peaches and pears, and about a half crop of apples. More attention is being paid to the production of grass seed than heretofore. There is an increased interest manifested in the dairy. There is not more than one-fourth of marketable hogs on hand December 1, as at a corresponding date last year. Beef cattle and sheep are very scarce. Live stock is generally in good condition and free from disease. But little cholera reported in the county. The improvement of the breeds of live stock is not meeting with the attention its importance deserves.

DEKALB—The quality of the corn on tiled lands is very good, while that on untiled lands is not up to the average. The yield per acre will average about 25 bushels. There is very little winter wheat. The area seeded to winter rye is much larger than usual, and the growing crop is looking exceedingly well to date. Irish potatoes did not make the usual yield, owing to the drouth. There was but little fruit of any description, excepting grapes, which made a fair yield. Considerable attention is given to the production of various grass seeds and flax seed. In no county in the State is there more interest manifested in the dairy than in DeKalb, and the products of the creameries of this county find ready sale and command good prices in the markets of the country. The supply of marketable fat hogs, beef cattle and sheep is about the same as that of last season. Prices rule about the same as on December 1, 1886. Great interest is taken in the improvement of the various breeds of live stock, especially draft horses. The drain tile has proven a great success wherever used, and the benefits are seen in the increase of yield of crops grown on tiled land. Farm animals are in good condition.

DEWITT—The average yield of corn per acre is about 24 bushels; a much less yield than a general average for this county. The quality of the corn is sound and good, and the crop has been gathered in fine order. The area seeded to winter wheat is somewhat larger than that of last season. The growing crop has been somewhat retarded by the drouth during the fall, but the stand is good and the prospect encouraging. The area seeded to rye is less than that of last season, and the plant is looking well. The yield of Irish and sweet potatoes is not as large as usual. There was a fair crop of grapes and pears, about one-third of a crop of apples and more peaches than for several years past. There is considerable attention paid to the production of timothy, clover and flax seed by the farmers of this county. There is considerable interest manifested in the dairy and many farmers are giving more attention to it than heretofore. The supply of fat hogs and beef cattle on hand ready for market is somewhat less than that of last season at a corresponding date. Prices are ruling a little higher than at that time. There are but few sheep in the county. There is a gradual improvement of all kinds of live stock.

DOUGLAS—The average yield of corn per acre will not exceed 20 bushels; the smallest yield for several years past. The quality of the corn is fair. The area devoted to winter wheat is not so large this season as last and its condition is good. There is very little winter rye grown in this county. The Irish potato crop was nearly a failure. Sweet potatoes yielded fairly well. With the exception of grapes and pears, there was very little fruit of any description. The dairy interests of this county are not large, but little attention being paid to this industry. Considerable attention is given to the production of timothy and clover seed. The supply of fat hogs, sheep and beef cattle is about the same as that of last season at corresponding date. Prices are ruling a little higher than on December 1, 1886. The improvement of the various breeds of farm animals is the ambition of nearly every farmer, and each year improvements are made in the better strains of cattle and horses. The Clydesdale and French Draft horses being the favorites. Farm animals are in good condition and health.

DUPAGE—The average yield of corn per acre will not exceed 19 bushels, which is about one-fifth less than the yield of last season. The quality of the corn is very inferior, owing to the drouth during the growing season. The usual area has been devoted to winter grain and its general condition is good. The Irish potato crop was nearly a failure. With the exception of grapes, there was very little fruit of any description. More attention is given to the dairy interests of this county than heretofore and many farmers are increasing the number of their milk cows. There is but little over one-half the supply of marketable fat hogs and beef cattle on hand and ready for market December 1, as compared with last season at a corresponding date. The number of marketable fat sheep is about the same as last season. More attention is being paid each succeeding year to the importation and breeding of draft horses. One of the largest importing firms in the United States, is located in this county. Large quantities of tile have been laid during the past season and many farmers are preparing to further increase the tile drained area during the coming



spring. There is a greater certainty of an average yield on tile drained lands, than on untilled lands. There is no report of cholera among the hogs in the county. Farm animals generally are in good condition and health.

EDGAR—It has been many years since the corn crop of this county has been as poor as this season. The average yield per acre will not exceed 18 bushels; a much lower average than last season. The area seeded to winter wheat is not as large as the preceding season, and its condition, owing to the drouth, is not encouraging. There is but little rye grown in this county except for winter pasturage. The Irish and sweet potato crop was nearly a failure. With the exception of grapes, there was but little fruit of any description. The apple crop was nearly a failure. Considerable attention is given to the production of timothy, clover and Hungarian seed. There is quite an interest being manifested in this county in the dairy, which has heretofore been almost entirely neglected. Some of the most improved herds of Short-Horn cattle in the State, are located in this county. Standard bred trotting horses are also receiving their full share of attention from our stock raisers. The supply of fat hogs and beef cattle is fully one-fourth short of that of last season. Farm animals are in good health and condition.

EDWARDS—The corn on the highlands is very light and chaffy, on the low lands it is very fair quality. The yield per acre, however, will not average more than 6 bushels, the smallest in a number of years past. Owing to the dry weather during the seeding season the area devoted to winter wheat is much smaller than in 1886. There is but little winter rye raised in this county, that sown is intended for winter pasturage for young stock. There was a fair yield of every variety of fruit grown in this section, excepting apples. Considerable attention is given to the production of timothy and clover seed, with success. Very little attention has been paid during the past season to the dairy interest in this county, owing largely to the short pasturage. The supply of marketable fat hogs on hand December 1, is not more than half as large as that of 1886. There is also a falling off in the supply of beef cattle and fat sheep. Farm animals have been unusually free from disease during the past season and are in very fair condition.

EFFINGHAM—Corn on the uplands was but little better than a failure; that on low lands will not average more than 6 bushels per acre, and the quality the most inferior ever grown in the county. Winter wheat and rye were seeded very late, owing to the drouth and but little growth was made before winter set in. The area is somewhat less than that of the previous season. There was a fair yield of Irish and sweet potatoes. There was about three-fourths of a crop of grapes, one-half a crop of apples and an average crop of pears and a larger yield of peaches than for several years past. Many farmers are turning their attention to the production of timothy and clover seed. There is quite a "boom" in the dairy interest in this county. And there is a large increase in every product of this industry. The supply of fat hogs on hand ready for market is less than that of last season, by 50 per cent. The supply of fat sheep and beef cattle is not as large as on December 1, 1886. There

is but little complaint of cholera among the hogs of the county. The condition of farm animals is very good. More attention than usual is paid to the breeds of farm animals, especially to draft horses, which command good prices.

FAYETTE—The quality of the corn crop is about 75 per cent. of an average, whilst the yield, 4 bushels per acre, is the smallest ever known in the county. The area devoted to winter wheat and rye are considerably increased over that of the previous seeding. The growth, however, has been small, owing to the drouth during the fall. But the stand is good and the prospect encouraging. There were but few Irish and sweet potatoes raised in this county during the past season. With the exception of grapes and pears, there was but little fruit of any description. There is an increased interest manifested in the dairy and the products of this industry show an increase over the reports of December, 1886. The supply of fat hogs ready for market is more than 50 per cent. less than that of last season. The supply of beef cattle and fat sheep is about the same as last season. The drain tile is being very successfully used on low lands and farmers find it a paying investment in increased yields of crops grown on tiled land. But little attention is being paid to the improvement in the breeds of live stock. Farm animals generally are in good condition and health.

FORD—The quality of the late corn crop is considerably below the average, most of the ears being small but sound. The yield per acre will not exceed 15 bushels. There is a large increase in the area devoted to winter wheat; the late seeding was delayed owing to the drouth, and the plant is small, but is looking well. About the same area has been seeded to winter rye as last season; condition good. The Irish potato crop was but little better than a failure. The crop will not be sufficient for home consumption. The grape crop was large. Apples and pears did not yield well. Farmers are paying more attention than heretofore to the production of the various grass seeds, and are meeting with good success. The dairy is not receiving the attention its importance deserves; owing to the short pasturage during the past summer and fall many farmers sold their dairy stock at very low figures. The supply of marketable fat hogs and sheep on hand Dec. 1 is but little over half as large as on a corresponding date last season. The number of beef cattle is reduced fully 25 per cent. less than that of last season. The interest in the improvement of the breeds of farm animals is unabated, and the standard of excellence is gradually being raised. Tile drained lands have proven their superiority over untilled or surface drained lands in the certainty of the crop and increase of yield per acre. A large amount of tile will be laid during the coming season. Condition and health of live stock is good.

FRANKLIN—Owing to the continued drouth during the growing months the quality of the present corn crop is far below the average, and the yield will not exceed six bushels per acre. The area seeded to winter grain is much smaller than in 1886; the plant is healthy and is making fair growth. The yield of tobacco was not up to the average, but fully as good as could be expected when the drouth is taken into consideration. The fruit yield was considerably larger than that of last season. But little attention is paid to



the production of grass seed. The dairy interest is receiving more attention each succeeding year. There is a large falling off in the supply of fat hogs, sheep and beef cattle on hand Dec 1, as compared with a corresponding date last season. Our farmers are at last awakening to the necessity of improving the breeds of live stock, and many of them have purchased Short Horn bulls and draft stallions during the season. Farm animals are in good health and condition.

**FULTON**—The average yield per acre of corn is 24 bushels. The quality is very fair. The crop was gathered and cribbed in good order. There is quite an increase in the area seeded to winter wheat and rye, as compared to that of 1886. The drouth prevented the plant from making the usual growth before winter set in. Fruit of all kinds made a fair yield, with the exception of peaches. Considerable attention is given to the production of clover seed. There is an increased interest manifested in the dairy, and all its products show an increase over that of last season. The Irish and sweet potato crop was greatly injured by the drouth, and the yield was fully 50 per cent. short of an average. The supply of fat hogs, sheep and beef cattle is about the same as that of corresponding date last season. More attention is being given by the farmers to the various improved breeds of horses and cattle each succeeding year, especially to the draft breeds of horses. The health and condition of farm animals is good.

**GALLATIN**—The average yield of corn per acre is about 17 bushels. About 50 per cent. of the crop is very good in quality, but the late planting is light and chaffy. Winter wheat looks well, considering the dry weather and late seeding. The area is a little larger than that of last season. The area seeded to rye is not more than one-half that of 1886. The average condition is not good. The Irish potato crop, owing to the drouth, was nearly a failure. Sweet potatoes made a fair yield. There was a fair crop of grapes, apples, pears and other small fruits, the peach crop being larger than for several years past. Little or no attention is paid to the production of grass seeds. The supply of fat hogs and beef cattle is about 20 per cent. less than at a corresponding date last season. The supply of fat sheep about the same as on December 1, 1886. Considerable attention is given to the improvement of the various breeds of farm animals. The chinch-bug damaged the crops at least 30 per cent., and in many instances entirely destroyed the crop. There is no cholera reported among the hogs in this county, and farm animals are generally in good condition.

**GREENE**—The quality of the corn crop is dry and sound, though on the high lands it is light and chaffy. The average yield per acre is about 20 bushels. The Irish potato crop, owing to the drouth, was but little better than a failure. There was a fair crop of grapes and pears, but few apples and no peaches. Little or no attention is paid to the production of grass seeds. There is an increased attention manifested in the dairy, although this industry does not receive the attention its importance demands. The supply of marketable fat hogs on hand Dec. 1 is fully 25 per cent. less than that of last season. The supply of beef cattle is not more than half as large as at corresponding date last year. Farmers of this county have for the last several years past given their atten-

tion to the breeding of light horses, and have found the same very profitable. Representatives of nearly every breed of cattle and horses can be found in this county. Farm animals are in good condition and health.

**HAMILTON**—Owing to the drouth and ravages of the chinch-bugs, the present corn crop is inferior in quality to any crop raised in this county in the last ten years. And the yield, 7 bushels per acre, is possibly the smallest ever known in the county. The acreage seeded to winter wheat, owing to the drouth during the seeding season, is not more than one-fourth as large as that of 1886. The condition of the plant is not good, much of it has the appearance of being dead. The usual area has been seeded to winter rye, and its condition is about the same as that of wheat. Irish and sweet potatoes did not yield more than half a crop and the quality was inferior. Tobacco made a fair yield. The fruit crop was better than for several years past. There is quite an interest manifested in the dairy and all its products show an increase over last season. The supply of marketable fat hogs on hand December 1, is probably the smallest ever known in the county, owing to the scarcity of feed. The same may be said of beef cattle. There are but few sheep in the county. Farmers are giving considerable attention to the breeding of horses, and find it more profitable than raising cattle. Live stock is in good condition and health.

**HANCOCK**—The average yield per acre of corn is 28 bushels, and its quality is very good. The ears are large and sound and the crop has been gathered in good order. The acreage seeded to winter wheat is fully fifteen per cent. larger than that of last season. The condition is good. Winter rye never looked better at this season of the year, and the acreage is about the same as last season. Irish and sweet potatoes made very fair yield, considering the drouth. There was a fair crop of grapes, pears and other small fruits; but few apples and no peaches. The dairy interests in this county are in a prosperous condition. Considerable attention is paid to the production of timothy and clover seeds. The supply of marketable fat hogs and beef cattle is about twenty-five per cent. less than at a corresponding date last season. There is considerable interest manifested by the farmers in this county in the improvement of the various breeds of live stock and nearly all the breeds of draft horses and beef cattle can be found in this county. Farm animals are in good health and condition. No cholera reported.

**HARDIN**—The quality of the corn crop is considerably below the average, but considering the drouth, the yield is very good. The acreage of winter wheat is fully one-third less than that of last season, and its condition is much below the average, owing to the drouth. The same may be said of winter rye. There was a fair crop of grapes, apples, pears and other fruit; the yield of peaches being larger than for several years past. Considerable attention is paid to the production of clover seed. The dairy interests of the county are improving. The supply of fat hogs and beef cattle ready for market is not as large as at a corresponding date last season. Very little attention is paid to the improvement of the various breeds of farm animals. Live stock is generally in fair condition and health.



**HENDERSON**—The average yield per acre of corn is about 23 bushels, and the quality is considerably below the average. Much of the corn is very light and chaffy. The area seeded to winter wheat this fall as compared with that of last is fully 25 per cent. less. The plant is looking well, having made fair growth, considering the drouth, before winter set in. The same may be said of winter rye. With the exception of grapes and a few apples the fruit crop was a failure. Considerable attention is paid to the production of timothy, clover and Hungarian seed. Owing to the drouth and short pasturage there is a very considerable falling off in the productions of the dairy. Many farmers were compelled to dispose of their stock at very low prices. The supply of fat hogs and beef cattle ready for market Dec. 1 is not more than 50 per cent. as large as that of last season at a corresponding date. There are few counties in the State where more attention is paid to the breeding of horses, cattle and hogs. Farm animals generally are in good condition and health. But little cholera reported among them.

**HENRY**—The quality of corn, except on bottom lands, is very inferior. Much of it is light and small and hardly fit for market. The average yield per acre is about 18 bushels. Irish potatoes made a very poor yield owing to the drouth. Sweet potatoes yielded somewhat better. There is a slight increase in the area devoted to winter wheat and rye as compared to that of last season. The general condition of the plant is good, though not as large as usual when the winter set in. There was a fair crop of grapes and a few apples, but little other fruit. More attention than usual is being paid to the production of timothy, clover and Hungarian seed. The drouth very materially affected the dairy interests of this county, and the products of all show a slight decrease as compared to last season. The supply of marketable fat hogs on hand Dec. 1, as compared with same date last season, is not more than one half as large; and the supply of beef cattle is about 25 per cent. less than that of last season. The live stock of this county is in very fair condition, when the long protracted drouth is taken into consideration. No disease has been reported among them. There has been a gradual improvement in the breeds of farm animals for a number of years past, and there is no abatement in the interest manifested in this direction.

**IROQUOIS**—The average yield of corn per acre is about 23 bushels, and the quality is about up to the average. The area seeded to winter wheat is fully 50 per cent. larger than last season, and the condition of the plant, while not up to the average for this date, is very good. The area seeded to rye is somewhat less than last season, and its condition the same as wheat. There was a fair yield of grapes, apples and pears, but no peaches. Farmers are paying more attention to the production of the various grass seeds than heretofore. There is an increased interest manifested in the dairy. The supply of marketable fat hogs and beef cattle on hand Dec. 1 is about 20 per cent. less than on a corresponding date last season. In no county in the State is more interest taken in the improvement of the various breeds of farm animals than in this. The condition and health of live stock is good.

**JACKSON**—The quality of the corn is very poor. The early planting and that remote from wheat fields was in fair condition, the

average yield per acre is about 25 bushels. The acreage devoted to winter wheat is fully 25 per cent. less than that of last season. Owing to the continued drouth during the fall, the plant made but little growth before winter set in. Little or no rye is raised in this county for market. The Irish potato crop but little better than a failure. Sweet potatoes did fairly well. There was a full average crop of grapes, peaches, pears and other fruits except apples; the apple crop was very short. Little or no attention is paid to the production of grass seed. The dairy interest has not received the attention its importance demands. The supply of marketable fat hogs, beef cattle and sheep on hand Dec. 1 is about the same as at corresponding date last year. During the past season a number of fine specimens of the improved breeds of cattle and horses have been introduced into the county. Live stock generally is in fine condition and health.

**JASPER**—The present corn crop is the poorest ever known in this county, in both quality and yield per acre. The average yield per acre will not exceed five bushels, and the quality is rated at 50 per cent. of an average. The area seeded to winter wheat is considerably less than that of last season and its condition, owing to the drouth, is not as good as usual for this date. The rye area is about the same as last season; condition the same as wheat. There was a fair crop of grapes, apples and pears, and more peaches than for several years past. The production of timothy, clover and Hungarian seed is receiving more attention than heretofore by the farmers of this county. There is a marked improvement in the interest manifested in the dairy, as shown by the products of this industry. The supply of fat hogs and beef cattle ready for market is not more than half as large as that of last season at a corresponding date. There is a gradual improvement in the breeds of all kinds of live stock going on in this county. A number of fine specimens of the draft horse have been brought into the county during the past season. Farm animals are in good condition and health.

**JEFFERSON**—The corn on the highlands is of very little account; that grown on bottom lands is only fair. The average yield per acre will not exceed six bushels. The area devoted to winter wheat is not more than one-fifth of that of last season. The continued dry weather during the fall prevented the farmers from seeding, and the condition of that sown is very poor. There is an increase in the area seeded to rye over that of last season. The condition is good; most of it is intended for winter pasturage rather than for market. There was a very small yield of Irish and sweet potatoes. The fruit crop was very good. There were more peaches than for several years past. Farmers are paying more attention to the production of grass seeds of various kinds, and are meeting with success. The dairy interest of the county are in a prosperous condition. The supply of fat hogs and beef cattle is fully one-third less than on Dec. 1, 1886. There is a gradual improvement in the various breeds of live stock going on in this county. Farmers are awakening to the importance of improving their stock. Live stock is in good condition and health. No cholera reported among hogs.

**JODAVIESS**—The average yield of corn per acre is about 20 bushels. That planted



early is excellent in quality, but the late planting is very inferior. There is but little winter wheat raised in this county. Winter rye is looking well, and covers about the same area as last season. Irish potatoes made very good yield, and the quality is up to the average. The grape crop was very fair; larger than last season. There were but few apples. The dairy interests of this county are extensive and in a flourishing condition. But little is paid to the production of grass seeds. There are fewer fat hog and beef cattle on hand ready for market Dec. 1 than for a number of years past at a corresponding date. The improvement of the breeds of cattle and horses has been the ambition of the farmers of the county for many years and in no county of the State has stock breeding been more successful.

JOHNSON—The quality of the corn is nearly up to the average. The yield is about 22 bushels per acre. The area devoted to winter wheat is twenty per cent. less than that of the previous seeding; owing to the drouth, much of the wheat was seeded very late and made but little growth before winter set in. There is but little rye grown in this county except for pasturage. Irish and sweet potatoes made small yields and were inferior in quality. The fruit crop was better than that of last season. Farmers are paying more attention to the production of grass seeds than heretofore. But little attention is given to the dairy in this county. There is about the same number of fat hogs, sheep and beef cattle on hand Dec. 1 ready for market as at a corresponding date last season. There is a gradual improvement going on in the various breeds of farm animals in this county. A number of fine specimens of the draft horse have recently been brought into the county.

KANE—The quality of corn on low tile-drained lands was excellent, but on high, dry lands very inferior, and is being fed to stock unhusked. The yield will average twenty-two bushels per acre. The area devoted to winter wheat and rye is about the same as that of last season, and the condition of the growing crops is very fair, considering the drouth during the fall. There was a very short fruit crop. Farmers are giving more attention than heretofore to the production of timothy and clover seeds. The dairy interests of this county are very extensive and are in the most prosperous condition. The Irish potato crop was nearly a failure owing to the drouth. The farmers and stock raisers of this county can be classed among the most enterprising of the State, and live stock of all kinds is bred to a high standard. The milch breeds of cattle receiving especial attention. The supply of fat hogs, sheep and cattle on hand ready for market Dec. 1 is much less than at a corresponding date last season owing largely to the scarcity of feed and low prices. Farm animals are in good health and condition.

KANKAKEE—The average yield of corn per acre is about 17 bushels, and the quality was much better than was expected before time for cribbing began. The ears are small but usually sound. There is but a small area devoted to winter wheat in this county; the area seeded this fall is about the same as last, and the general condition of the graining crop is good. The condition of rye is about the same as that of wheat. The Irish potato crop has seldom been so poor as this season, in both yield and quality, owing to the con-

tinued drouth during the growing months. There was a fair yield of grapes and apples, but very little other fruit. There is an increased interest manifested in the dairy, the products of which command good prices in the markets of Chicago and the Eastern cities. The supply of fat hogs and sheep and beef cattle is about the same as last season at a corresponding date. The improvement of the various breeds of live stock is meeting with more attention each succeeding year, and the standard of excellence is being raised by the introduction of the best specimens of Short-Horns and Hereford cattle and Percheron or French draft horses. Farm animals are in good health and condition.

KENDALL—The quality of the corn is very good; the ears are small but sound; the average yield per acre is about 14 bushels, a much lower average than any for the past ten years. The area devoted to winter wheat is fully 20 per cent. less than of the previous seeding; the general condition of the growing crop is very good. There is an increase in the area seeded to rye this fall, as compared with that of last; condition good. The potato crop was but little better than a failure. The yield of grapes was larger than that of last season. The apple crop was fair. Some attention is paid to the production of timothy and clover seeds. The dairy interests of the country are in a flourishing condition. The improvement of the breeds of live stock of all kinds is meeting with more encouragement than heretofore. The high prices paid for draft horses for several years past has induced the farmers of this county to engage more extensively in breeding heavy horses. Farm animals are in good condition and healthy. Hogs have been unusually free from cholera during the past fall.

KNOX—The average yield of corn per acre is about 28 bushels and the quality is up to the average. The crop has been cribbed in good order. There is quite an increase in the area devoted to winter wheat over that of last season, and the condition of the growing crop is doing well, although much of it was seeded late in the fall. The same may be said of rye. Broom-corn yielded more than one-third of a ton per acre. Irish and sweet potatoes yielded fair crops. There was but little fruit of any description. Considerable attention is paid to the production of the various grass seeds. The dairy interests of the county are quite extensive, and are in a prosperous condition. Some of the finest and most expensive herds of Short-Horn cattle in the State are owned in this county. The interest manifested in the breeding of heavy horses is still on the boom, owing to the high prices commanded by draft horses in the Eastern markets. Farm animals are doing well, being unusually free from disease of any kind.

LAKE—Owing to the continued drouth during the summer and fall, the average yield of corn per acre, 10 bushels, is the lowest of any average in the past ten years. The area devoted to winter wheat and rye is larger than that of last season, and the condition of the growing crop is very good. The Irish potato crop was nearly a failure, the average yield per acre not exceeding 20 bushels. There was a fair crop of grapes and apples, and but little fruit of any other description. Little attention is paid to the production of grass seed. Considerable interest is manifested in the dairy. The supply of



fat hogs, sheep and beef cattle on hand ready for market December 1 is much smaller than at a corresponding date last season. The improvement of the breeds of live stock meets with every attention and encouragement from the farmers and stock-breeders of this county. Farm animals are in good condition and health.

**LASALLE**—The average yield of corn per acre is about 20 bushels, and the quality is fully up to the average. The ears are not large but are unusually sound. The crop has been gathered in good season. The area seeded to winter wheat is not as large as that of last season. The growing crop is not as far advanced as usual at this season of the year, owing to the drouth and late seeding. The same may be said of winter rye. The Irish and sweet potato crop was very short. There was a full crop of grapes and about a half crop of apples. Very little fruit of other varieties. The dairy interests of this county are in a prosperous condition; the yield from this source is about the same as last season. Considerable attention is paid to the production of timothy, clover and Hungarian seed. The supply of fat hogs, beef cattle and sheep ready for market Dec. 1, is about one-fourth less than at a corresponding date last season. There is an increased interest manifested in the breeding of live stock of all kinds. Some of the choicest herds of Short Horns, Herefords and Polled Angus cattle are to be found in this county. The breeding of draft horses is meeting with special attention. Live stock is in good condition and health.

**LAWRENCE**—The quality of the corn on the low land is generally very good, on high lands considerably below the average, owing to the drouth during the growing season. The average yield per acre will not exceed 16 bushels. The Irish and sweet potato crop was very poor in both yield and quality. There is a decrease in the area devoted to winter wheat of about 20 per cent. when compared with that of last season. The usual area has been seeded to rye, and its condition is good. There was a fair yield of grapes, apples, peaches and pears. Farmers are paying more attention than heretofore to the production of timothy and clover seeds. The dairy products of the county show a healthy increase over those of last season. The supply of fat hogs, beef cattle and sheep is not as large as that of at corresponding date, owing largely to the scarcity of feed and low prices. Within the past season the farmers of this county have invested in specimens of the most improved breeds of cattle and horses, with a view to raising the standard of live stock. Farm animals are in good health and condition.

**LEE**—The average yield of corn per acre is 27 bushels, and the quality is above the average. Most of the crop has been gathered and cribbed in good condition. The acreage devoted to winter wheat is nearly one-half less than that of last season. The growing crops, although seeded a little late, are looking well. The grape yield has seldom been larger than this season; apples and pears yielded only a partial crop. Farmers are giving more attention than heretofore to the production of timothy and clover seed. The dairy interests of this county are in a prosperous condition, and those engaged in this industry find it very profitable. Irish and sweet potatoes did not make more than half the usual yield. The supply of fat hogs, beef

cattle and sheep on hand Dec. 1 ready for market, is fully one-fifth less than that of last season. The farmers and stock breeders of this county have long taken an advanced position in the breeding of all the improved breeds of cattle and horses. Large quantities of tile were laid during the past season. Farm animals are in good health and condition.

**LIVINGSTON**—The average yield of corn per acre is about 17 bushels, and the quality is much better than that of the previous season. The area seeded to winter wheat is fully one-fourth less than that of the previous season, and owing to the drouth during the fall, the plant has made but little growth. The same may be said of winter rye. Irish and sweet potatoes were but little better than a failure. The sorghum crop was very short. There was a fair crop of grapes, but not more than a third of a crop of apples, pears and other fruits. Considerable attention is paid to the production of timothy, clover, Hungarian and flax seed. The dairy interests of this county are in prosperous condition and the yield of butter and cheese is about the same as last season. The supply of marketable fat hogs is not more than half as large as that at the corresponding date last season. The number of beef cattle and fat sheep is also reduced fully one-third. Prices are ruling very low. The farmers of this county have for a number of years past given special attention to the breeding of heavy horses. All the improved breeds of cattle can be found in the county. Farm animals are in good condition and health.

**LOGAN**—The quality of the present corn crop is sound, but the ears are small. The average yield per acre will not exceed 15 bushels, a smaller average than any in the past ten years. There is an increased area seeded to winter wheat as compared with the previous season and its condition while not up to the average for Dec. 1, is good. The same may be said of winter rye. There was but little fruit of any description during the past season. Many farmers are giving their attention to the production of timothy, clover and other grass seeds. Very little attention is paid to the dairy by the farmers of this county. The supply of fat hogs, beef cattle and sheep on hand ready for market Dec. 1, is about the same as at a corresponding date last season. The improvement of the various breeds of live stock has for a number of years past been the ambition of the farmers and stock breeders of this county. Some of the finest herds of short horns in the State are owned here. Live stock is in good health and condition.

**MACON**—The average yield of corn per acre is about 20 bushels. The quality has seldom been better than this season. The ears are large and sound and has been cribbed in good order. There is an increase in the area devoted to winter wheat, but the continued dry weather during the fall, prevented the plant from making the usual growth before the winter set in. Irish and sweet potatoes did not make half a crop. With the exception of grapes and pears, there was but little fruit of any description. The apple crop was almost an entire failure. Large quantities of timothy, clover, Hungarian and other grass seeds are produced in this county. During the past season there has been great improvement in the dairy interests of the county. The supply of fat hogs, beef cattle



and sheep is not quite as large as at corresponding date last season. Prices are ruling very low. The farmers of this county have for a number of years past been giving special attention to the breeding of light and heavy horses, with considerable success. One of the largest draft horse importing firms is located near Decatur in this county. Farm animals are in good condition and health; no cholera reported among hogs.

**MACOUPIN**—The quality of the corn is nearly up to the average. The yield per acre is about 20 bushels. There is a decrease in the acreage seeded to winter wheat and rye, owing to the drouth during the seeding season. The condition of the growing crop is very backward, the plant having made but little growth before winter set in. The Irish and sweet potato crop was not large. Sorghum made a very fair yield per acre. The fruit crop was not as good as that of the past season. Considerable attention is paid to the production of timothy and clover seed. The dairy interests of the county are in a flourishing condition and are increasing very rapidly. The supply of fat hogs, beef cattle and sheep is nearly fifteen per cent. smaller than last season at a corresponding date. Special attention is given to the improvement of the breeds of horses, cattle and hogs. Farm animals are in good health and condition.

**MADISON**—The average yield of corn per acre is about 12 bushels. The quality is very inferior, owing to the drouth during the growing period. There is an increased area seeded to winter wheat and rye over that of last season. The condition of the growing crop is very backward. The plant made but little growth before winter set in. The yield of Irish and sweet potatoes was fair, when the drouth is taken into consideration. Castor beans did not yield as well as usual. The sorghum crop is nearly a failure. There was a fair crop of grapes and pears, but few apples and peaches. A large amount of timothy and clover seed was produced in this county. There is an increased interest manifested in the dairy. The supply of fat hogs, beef cattle and sheep is not as large as at a corresponding date last season. The prices obtained are very low. There is a gradual improvement going on in the various breeds of farm animals, especially in horses and cattle. The live stock of the county is in good condition and health.

**MARION**—The average yield of corn per acre will not exceed six bushels. The drouth and chinch-bug nearly ruined the crop. The quality is probably the poorest ever known in the county. The area devoted to winter wheat and rye is somewhat smaller than that of the previous season. The plant made but little growth before winter set in, and at this time it is difficult to give its condition. Irish and sweet potatoes made a fair yield, but the quality was inferior. There was a fair crop of grapes, apples and pears, and more peaches than for several years past. A large amount of timothy, clover and Hungarian seed is produced in this county. There is an increased interest manifested in the dairy, the products of which find ready sale in the markets of St. Louis. The supply of marketable fat hogs, beef cattle and sheep on hand Dec. 1 is fully one-third less than at a corresponding date last season. There is a gradual improvement in the breeds of horses, cattle and hogs in this county. Farm animals are in good health and condition. Hogs have

been unusually free from cholera during the past year.

**MARSHALL**—The quality of the corn is very good. Most of the crop has been gathered and cribbed in fine condition. The average yield per acre is about 25 bushels. The acreage of winter wheat and rye is considerably less than that of last season, and as the larger portion of it was seeded very late in the fall, the plant made but little growth. There was a fair crop of grapes and about a half a crop of apples. Some attention is given to the production of timothy and clover seed. The dairy interests of the county are in a very prosperous condition; the yield of butter and cheese has been unusually large during the past season. The supply of marketable fat hogs, beef cattle and sheep on hand Dec. 1 is about the same as last season on a corresponding date. There is an increased interest manifested in the improvement of the various breeds of horses, cattle and hogs, and many fine specimens of the Percheron, Clydesdale and Standard bred trotters have been purchased and brought into the county during the past season. Short-Horn and Hereford cattle are the favorites. Live stock is in good condition and with the exception of cholera among young pigs, is free from disease.

**MASON**—The quality of the corn is light and chaffy; most of the crop has been gathered and cribbed in good order. The average yield per acre will not exceed 16 bushels. The Irish potato crop was very light. The area devoted to winter wheat is fully one-fifth larger than that of last season. The usual area has been seeded to winter rye, and the growing crops are in fair condition. There was a small yield of grapes and apples, but little other fruit. Not more than half as much clover seed was produced this season as in 1886. The supply of marketable fat hogs and beef cattle is about the same as last season at corresponding date. Considerable interest is manifested in the improvement of various breeds of horses and cattle. Farm animals are in good health and condition.

**MASSAC**—The quality of the corn is very poor, light and chaffy. The average yield per acre is 27 bushels. There is a slight increase in the area devoted to winter wheat. The condition of the growing crop is very backward, owing to the long continued drouth during the fall. The early seeding is well rooted and looks much better than the late seeding. Rye is in about the same condition as wheat; the area somewhat less than last season. There was a very fair yield of all kinds of fruits, the peach crop being the largest for several years past. Some attention is being paid by the farmers of the county to the production of timothy and clover seed. Little or no attention is given to the dairy. The supply of fat hogs, beef cattle and sheep on December 1, ready for market, is about the same as that on hand at a corresponding date last season. Very little attention is paid to improved breeds of horses and cattle. Live stock are in fair condition.

**MCDONOUGH**—The average yield of corn per acre is about 14 bushels. The quality is very good, the ears large and sound. The acreage devoted to winter wheat and rye is about the same as that of last season, but the plant has made but little growth on account of the drouth. Irish and sweet potatoes made about half a crop. Sorghum yielded



very well. The tobacco crop was nearly a failure. There was a fair yield of fruits of every kind except apples, of which there was about a third of a crop. A large amount of timothy, clover, Hungarian and flax seed was produced in this county. The dairy interests are in a flourishing condition, and the product of the same is large. The supply of marketable fat hogs, beef-cattle and sheep is not quite as large as that of last season at a corresponding date. A large percentage of the cattle of the county are Short-Horns, although Hereford and Polled Angus can be found here. Farmers in the past few years have been paying special attention to breeding draft horses; Percheron and Clydesdale being the favorites. Farm animals are in fine condition and health.

McHENRY—The average yield of corn per acre is about 16 bushels. As a rule it is very light and chaffy, and much below the average in quality. There is a slight increase in the area seeded to winter wheat and rye, and the condition of the growing crop is very good, considering the dry weather during the fall. There is a fair yield of grapes, apples and pears. Farmers pay considerable attention to the production of timothy, clover, Hungarian and flax seed. The dairy interests of this county are in a prosperous condition, and the yield of butter and cheese is very large. The supply of fat hogs, beef-cattle and sheep is about one-fourth less than at a corresponding date last season. Hogs have been unusually free from cholera during the summer and fall, and farm animals generally are in fine condition and health. There is an increased interest manifested in the breeding of dairy stock, and many farmers have, during the season, largely increased the number of their milk cows.

McLEAN—The quality of the corn is about as good as that of last season. The average yield per acre is about 23 bushels. A large percentage of the crop has been gathered and cribbed in good order. There is a slight increase in the area of winter wheat, and the growing crop is doing well, when the drouth is taken into consideration. The area seeded to rye is about the same as last season, and its condition is good. The Irish and sweet potato crop was nearly a failure. There was a fair yield of grapes, and but few apples. Considerable attention is paid to the production of timothy and clover. The dairy interests of the county are in prosperous condition. The supply of fat hogs, beef cattle and sheep is about one-fourth less than that of last season at a corresponding date. Some of the choicest herds of Short Horn cattle owned in the State are owned in this county. Specimens of all the improved breeds are found here. In no county in the State is more attention paid to the breeding of heavy draft horses, and standard trotters. There is a larger area of tile drained lands in this county than in almost any in the State. Land owners have found this system of drainage very beneficial and crops grown on tiled lands produce a larger and more certain yield than any other. Farm animals are in good condition and health.

MENARD—The average yield of corn per acre is about 23 bushels, and the quality is much better than an average. The area devoted to winter wheat is much less than that of the previous seeding, and its condition is up to the average for Dec. 1. There is little or no rye sown in this county for market. The yield of Irish and sweet potatoes is not

good. There was a fair crop of grapes, but few apples and pears; no peaches. There is a large increase in the production of timothy, clover and Hungarian seed this season over that of former years. The dairy is not meeting with the attention its importance demands. The supply of fat hogs, beef cattle and sheep is considerably less than that at a corresponding date last season. There is an increased interest manifested in the improvement of the various breeds of live stock, especially trotters and heavy draft horses. Farm animals are in good condition and health.

MERCER—The quality of the corn is very good; nearly up to the average. The average yield per acre is about 22 bushels. The area devoted to winter wheat and rye is about the same as last season. Most of the seeding was done early, and the growing crops look well. Grapes made an unusually large yield. There was about a half a crop of apples; no peaches and pears. Broom-corn yielded about a fourth of a ton per acre. Irish potatoes did not make more than half a crop. Considerable attention is paid to the production of timothy, clover, Hungarian and flax seed. There is considerable interest manifested in the dairy, and farmers find ready sale for their milk at the creameries. The supply of fat hogs and beef cattle is not more than one-half as large as at a corresponding date last season. Considerable attention is given to the improvement of the various breeds of horses, cattle, hogs and sheep by the farmers of this county, and specimens of Short Horns and Hereford cattle have been purchased and brought into the county during the past season. With the exception of a slight distemper among horses, farm animals are in good health and condition.

MONROE—The average yield of corn per acre does not exceed 10 bushels. The drouth greatly injured the quality, which is much below the average. The area seeded to winter wheat and rye is about the same as last season, and the condition is very good. The Irish potato crop was only fair. There was an abundance of fruit of every description. Very little attention is paid to the production of grass seed in this county. There is an increased interest manifested in the dairy. The supply of fat hogs, beef cattle and sheep is much less than last season. Considerable attention is being paid by farmers to tiling low or wet lands. Farm animals are in good condition and health.

MONTGOMERY—The present corn crop is probably the poorest ever known in the county, so far as quality is concerned. The yield will not exceed 9 bushels per acre. The area devoted to winter wheat is somewhat larger than last season, but owing to the unfavorable season the plant has not made the usual growth for Dec. 1. The same may be said of winter rye. There was a fair crop of grapes, apples and pears, and more peaches than for several years past. Farmers are paying more attention to the production of the various grass seeds than heretofore. The dairy interests of the county are becoming more extensive each succeeding year. The supply of fat hogs, beef cattle and sheep is not as large by one-fourth as last season at a corresponding date. Farmers are paying more attention to the improvement of the various breeds of live stock. With the exception of distemper among horses, farm animals are in good condition and health.



**MORGAN**—The average yield of corn per acre is 26 bushels. The quality is very good; the ears are sound and well matured, but are generally small. There is a slight increase in the area devoted to winter wheat and rye. The early seeding looks fairly well. The larger portion of the crop, however, was seeded late and has made but little growth. There was a fair yield of grapes, but few apples and pears. Irish and sweet potatoes did not make more than half a crop. Considerable attention is given to the production of timothy, clover and Hungarian seed. The dairy does not receive the attention its importance demands. The supply of fat hogs and sheep is nearly one-half smaller than that of a corresponding date last season. The farmers and stock breeders of this county are among the most enterprising in the State, and many of the best short-horns are owned here. During the last few years farmers have paid especial attention to the breeding of standard-bred trotting horses, and have found it very profitable. With the exception of a slight distemper among young stock, farm animals are in good health and condition.

**MOULTRIE**—The average yield of corn per acre was 21 bushels. The quality was considerably below the average; the ears are small and much of it is light and chaffy. The acreage devoted to winter wheat and rye is about the same as last season. The growing crop looks well. Irish and sweet potatoes did not make half a crop. The fruit crop was unusually light. But few grapes, apples and pears. Considerable attention is given to the production of timothy, clover Hungarian and flax seed. The supply of fat hogs, beef-cattle and sheep ready for market is somewhat less than at a corresponding date last season. Renewed interest in the dairy is manifested by the farmers in this county. Considerable interest is given to the various breeds of horses and cattle of the county. Farm animals are in good health and condition.

**OGLE**—The quality of the corn is very good. The ears are large and sound, and the average yield per acre is about 22 bushels. The acreage devoted to winter wheat and rye is somewhat less than that of last season, but the condition is very good, when the drouth of the past fall is taken into consideration. Irish and sweet potatoes did not make more than half a crop. There was a large yield of grapes and pears, and a fair yield of other fruits. A large amount of timothy, clover and flax seed is produced in this county. The dairy interests are in a prosperous condition. The supply of fat hogs and beef cattle is about one-fifth less than at a corresponding date last season. Farmers are paying more attention to the improvement of the various breeds of horses, cattle and hogs, each succeeding season. Farm animals are in good health and condition.

**PEORIA**—The corn crop was very good in quality, and the average yield per acre was about 25 bushels. The crop has been gathered and cribbed in good order. The Irish and sweet potato crop was the poorest of any for a number of years past. There is a large increase in the area seeded to winter wheat, as compared with 1886; the crop is looking well except on high clay land, where the drouth has affected it. The late seeding has suffered from the same cause. The area devoted to rye is much less than the previous season; condition good. There was a fair

yield of grapes and pears, but few apples. A large amount of clover and flax seed was produced in this county. The dairy interests of this county are becoming more extensive every year, the products of which find ready sale in the markets. The supply of hogs, beef cattle and sheep on hand Dec. 1, ready for market is not more than one-half as large as last season at a corresponding date. There is more attention being given each succeeding year to the improvement of the breeds of cattle, horses, sheep and hogs by the farmers of this county. Live stock is in fine condition and health.

**PERRY** The corn crop was nearly a failure in both quality and yield. The average yield per acre will not exceed four bushels, owing to the drouth during the growing season. The area devoted to wheat is fully one-third less than that of last season, and the condition is considerably below the average, owing to the unfavorable season. There is an increased area of rye sown, and its condition is good. There was a large yield of grapes, apples and pears, and more peaches than for a number of years past. A large amount of timothy, clover and Hungarian seed is produced in this county. The product of the dairy is about the same as last season. This industry is still in its infancy in this county. The supply of fat hogs on hand, ready for market, is not more than one-half as large as last season at corresponding date. The number of beef-cattle and sheep is about the same as that of last season. Tobacco yielded a fair crop of good quality. There is an increased interest in the improvement of the various breeds of cattle and horses manifested by the farmers of this county. Live stock is in good condition and health.

**PIATT**—The average yield per acre of corn is 22 bushels. The ears are large and sound and the quality is generally up to the average. There is a larger area seeded to winter wheat and rye than last season. The plant is healthy but small, owing to the drouth. The Irish and sweet potato crop was but little better than a failure. There was a fair yield of grapes, and less than a half crop of apples, pears and other fruits. Considerable attention is paid to the production of timothy and clover seed. The dairy interests of the county are not extensive; this industry is neglected. The supply of fat hogs, beef-cattle and sheep is about the same as last season at the corresponding date. Considerable attention is paid to the improvement of the various breeds of live stock. The condition and health of farm animals is good.

**PIKE**—The average yield of corn per acre is about 29 bushels. The quality is a little above the average; the ears are large and unusually sound. The area devoted to winter wheat and rye is about the same as last season. The plant has made but little growth but is well rooted, and the prospect is encouraging for a full average yield. There was a good crop of grapes and pears, but very few apples. A considerable amount of timothy and clover seed was produced in this county. More attention is given each succeeding year to the dairy by the farmers of this county. The supply of fat hogs, beef-cattle and sheep is about one-fifth less than at a corresponding date last season. There are but few counties in the State that give the same attention to the improvement of the various breeds of cattle and horses as Pike. Farm animals are in good health and condition.



**POPE**—The average yield of corn per acre was about 20 bushels. The quality is light and chaffy, owing to the drouth and chinch-bug. The acreage devoted to winter wheat and rye is little less than that of last season. The condition of the growing crop is not up to the average, on account of the dry weather, but the stand is good. The Irish and sweet potato crop was considerably below the average in both yield and quality. Tobacco made a very fair yield. Broom corn yielded well. There was an abundance of fruit of every description. Considerable attention is paid to the production of timothy, clover and flax seed by the farmers of this county. There is an increased interest manifested in the dairy. The supply of fat hogs, beef cattle and sheep is much less than that of a corresponding date last season. The improvement of the various breeds of farm animals does not meet with the attention its importance demands. Farm animals are in good health and condition.

**PULASKI**—The quality of the corn is considerably below the average; the grain is loose on the cob and much of it is not well filled. The area devoted to winter wheat is larger than that of last season. The early seeding made a fair stand, but made little growth before winter set in. A large portion of the late seeding failed to germinate for want of moisture, and but little estimate can be made of its condition. No rye raised in this county for market. There was an abundance of grapes, apples and pears, and a much larger peach yield than for several years past. Farmers are paying more attention than heretofore to the production of grass seeds. Very little attention is paid to the dairy. The supply of marketable fat hogs, beef cattle and sheep on hand Dec. 1 is about the same as last season at the corresponding date. There is an increased interest manifested in the various breeds of live stock. Farm animals are in good condition and free from disease.

**PUTNAM**—The average yield of corn per acre is about 19 bushels; the quality is fully up to the average. The acreage devoted to winter wheat and rye is a little larger than that of last season, and the plant has seldom looked better on Dec. 1 than this season. The Irish potato crop was very short; sweet potatoes made a fair yield. There was a fair crop of grapes, but few apples and pears. Very little attention is paid to the production of grass seeds. The dairy does not meet with the attention its importance demands. The supply of fat hogs, beef cattle and sheep is about the same as last season at a corresponding date. Prices are ruling very low. Considerable attention is being paid to the improvement of the various breeds of cattle and horses in this county. A large amount of tile has been laid during the past season. Farm animals are in good health and condition.

**RANDOLPH**—The average yield of corn is about 19 bushels. The quality is sound, the grain large and ears well filled. The acreage of winter wheat is considerably less than that of last season. The plant does not look well, the stand is uneven and the growth unusually small for this season of the year. The usual area has been seeded to winter rye, and its condition is better than that of wheat. There was a fair yield of Irish and sweet potatoes. There was an abundance of fruit of every description. A large amount of timothy, clover and Hungarian seed was produced in

this county. The dairy interest does not receive the encouragement its importance demands. The supply of fat hogs and beef-cattle on hand and ready for market December 1 is much less than that of last season at corresponding date. The improvement of the various breeds of cattle and horses is meeting with more encouragement than heretofore by the farmers and stock-breeders. Farm animals are in good health and condition. Hogs have been unusually free from cholera.

**RICHLAND**—The corn crop was nearly a failure in both yield and quality; the yield will not exceed 7 bushels per acre, largely owing to the drouth and chinch-bug. There is an increased area devoted to winter wheat as compared to that of last season. The growth has been very small, owing to the continued dry weather since seeding. Irish and sweet potatoes did not make more than half a crop. There was a fair yield of grapes, apples and pears, and more peaches than for several years past. Farmers are paying more attention than heretofore to the production of grass seed. The dairy interests of the county are not extensive. The supply of fat hogs, beef-cattle and sheep on hand ready for market December 1 is not more than half as large as that of the previous season at corresponding date. The farmers and stock breeders of the county are paying more attention to the improved breeds of horses and cattle than heretofore. Farm animals are in fair condition and no disease is reported among them.

**ROCK ISLAND**—The average yield of corn per acre is about 29 bushels; the quality is nearly up to an average; the ears are large and sound. The acreage devoted to winter wheat is about 20 per cent. less than that of the previous season. The plant has made but little growth, but the stand is good. Winter rye looks well; the acreage is somewhat smaller than that of last season. The Irish and sweet potato crop was very small, owing to the drouth during the growing season. There was a fair yield of grapes, and about three-fourths of the average yield of apples and pears. Considerable attention is paid to the production of timothy, clover and Hungarian seed. The dairy interests of the county are in a prosperous condition. The supply of marketable fat hogs and beef-cattle on hand December 1 is fully one-fourth less than that of the previous season at corresponding date. Farmers are paying more attention to the various breeds of live stock than heretofore. Farm animals are in good condition and health.

**SALINE**—The average yield of corn per acre is about 18 bushels; the ears are light and chaffy, owing to the drouth and chinch-bug. The area devoted to winter wheat and rye is not more than half as large as that of last season. The plant has made but little growth, but the stand is good. The Irish and sweet potato crop was but little better than a failure. Tobacco made a very fair yield, and the quality is good. There was an abundance of fruit of every description. The yield of grapes, peaches and pears is much larger than that of last season. But little attention is paid to the production of grass seed. The dairy interests of the county are neglected. The supply of marketable fat hogs, beef-cattle and sheep is about ten per cent. less than that of the corresponding date last season. But little attention is given to the improvement of the various breeds of live stock. Farm animals are in good condition and health.



**SANGAMON**—The quality of the corn is very good; the ears are not large, but sound. The average yield per acre is about twenty-four bushels. The acreage devoted to winter wheat is somewhat larger than that of the previous seeding, and the condition of the growing crop while not up to the average, is good. The usual area has been seeded to winter rye, and the plant looks well. The Irish potato crop did not yield more than twenty-five bushels per acre. There was a fair crop of grapes and pears, but few apples. There is a large amount of timothy, clover and Hungarian seed produced in the county. The dairy interests are in a prosperous condition and the yield of butter and cheese about the same as that of last season. The supply of marketable fat hogs on hand Dec. 1 is but little over half as large as at corresponding date last season. The number of beef-cattle and fat sheep is about the same as on Dec. 1, 1886. In no county in the State is more attention paid to the improved breeds of horses, cattle, hogs and sheep than in Sangamon. Some of the finest herds of Short-Horns Herefords and Polled Angus in the State are owned this county. There is an increased interest manifested in the breeding of standard bred trotters and draft horses in this county. The condition of farm animals is good. Very little cholera reported among hogs.

**SCHUYLER**—The quality of the corn is very good; the grain is sound and well matured. The average yield per acre is about 27 bushels. The area devoted to winter wheat and rye is somewhat larger than that of last season and the condition of the growing crop, while not up to the average, is very good. Irish and sweet potatoes did not make more than one-third of an average yield per acre. There was a large amount of timothy and clover seed produced in this county. The dairy is in a prosperous condition. The supply of fat hogs, beef-cattle and sheep on hand ready for market is about the same as at corresponding date last season. The improvement of the various breeds of farm animals is meeting with more encouragement each succeeding year. Farm animals are in good health and condition.

**SCOTT**—The average yield of corn per acre is 28 bushels. The ear is firm and sound, but not large. The acreage devoted to winter wheat and rye is about the same as that of last season. The condition is fully up to the average. Irish and sweet potatoes made a fair yield. There was a very light crop of grapes, apples and pears. But little attention is paid to the production of grass seeds. The dairy interests of the country are in a prosperous condition; the yield of butter and cheese is about the usual average. The supply of fat hogs, beef-cattle and sheep on hand and ready for market is about 20 per cent. less than at a corresponding date last season. Prices are ruling very low. Considerable attention is given to the various breeds of live stock. Farm animals are in good health and condition.

**SHELBY**—The quality of the present corn crop is the poorest of any for years past. There is very little corn fit for market. The average yield per acre is about 15 bushels. The acreage devoted to winter wheat and rye is about the same as that of last season; the condition is fair but not up to the average. Irish and sweet potatoes made very poor yields. There was a fair yield of grapes, but only a partial yield of pears; more peaches

than for several years past. But little attention is paid to the production of grass seeds. The dairy interests of the county are in a prosperous condition, and are becoming more extensive each succeeding year. The supply of marketable fat hogs and beef-cattle is 50 per cent. less than that on hand December 1, 1886. Prices are very low. There is an increased interest manifested by the farmers of this county in the various breeds of live stock. Light horses are receiving especial attention at this time. Farm animals are in good condition and health.

**STARK**—The quality of the corn is a little above the average; the ears are large and sound and most of the crop has been gathered and cribbed in fine order. The area devoted to winter wheat and rye is not as large as that of last season, and the condition of the growing crops is very good considering the drouth. The Irish and sweet potato crops are very short. There was a fair yield of grapes, and about half a crop of apples. Considerable attention is paid to the production of timothy, clover and Hungarian seeds. The dairy interests of the county are in a prosperous condition. Farmers are paying more attention than heretofore to the improvement of the various breeds of cattle, horses and hogs. The supply of fat hogs, beef-cattle and sheep on hand for market December 1 is fully one-fourth less than at corresponding date last season. The condition and health of farm animals is good. There is less cholera this season among hogs than for several years past.

**St. CLAIR**—The corn crop was nearly a failure, in both quality and yield, owing to the continued drouth during the growing season and the ravages of the chinch-bug. The area devoted to winter wheat and rye is somewhat larger than that of last season, and the growing plant looks well, although not up to the average in condition for Dec. 1. The potato crop was unusually light, owing to the drouth. The yield of grapes and apples was not more than one-half as large as that of last season. There were a few peaches. A large amount of grass seed of various kinds is produced in this county. The dairy interests of this county are quite extensive and are enlarging each succeeding year. The supply of fat hogs and beef cattle on hand ready for market Dec. 1 is about the same as that of last season at a corresponding date. Prices are somewhat lower. Farm animals are in good health and condition.

**STEPHENSON**—The average yield per acre of corn was about 19 bushels. The quality of the corn is nearly up to the average. There is a slight increase in the area devoted to winter wheat and rye over that of last season, and the growing crop looks well. Tobacco made a very fair yield, when the drouth is taken into consideration. The quality is unusually good. Irish potatoes made about two-thirds of an average crop. There was a large yield of grapes and pears, and not more than a half a crop of apples. Some attention is given to the production of timothy, clover and other grass seeds. The dairy interests of the county are in a flourishing condition, and many farmers are rapidly increasing the number of their milk cows. The supply of marketable fat hogs, beef cattle and sheep on hand Dec. 1 is not more than half that of last season at corresponding date. The farmers of this county have given especial attention to the improvement of the various breeds of horses, cattle



and sheep for a number of years past. The live stock of the county will compare favorably with that of any county in the State. Farm animals are in good health and condition.

**TAZEWELL**—The average yield of corn per acre is 21 bushels. The ears are small but are sound, and the general quality is good. There is a slight increase in the area devoted to winter wheat and rye, but owing to the continued dry weather during the fall the plant had not made the usual growth before Dec. 1. The Irish potato crop was very light. Sweet potatoes made a fair yield. The grape crop was not so large as that of last season, and there were but few apples and pears. Farmers are paying more attention to the production of timothy and clover seed than heretofore. There is an increased interest manifested in the dairy. The supply of marketable fat hogs, beef cattle and sheep is about the same as that of last season at corresponding date. More attention is being paid to the improvement of the various breeds of cattle, horses and sheep. Live stock is in good condition.

**UNION**—The corn crop was greatly injured by the drouth and chinch-bug, and the average yield per acre will not exceed eight bushels. Winter wheat looks very well, considering the unfavorable weather of the fall. The area is about the same as last season. Irish and sweet potatoes made about two-thirds of an average yield per acre. There was an abundance of grapes, apples and pears, and a much larger yield of peaches than for several years past. There is an increased interest manifested in the dairy by the farmers of this county. The supply of fat hogs on hand ready for market Dec. 1 is not more than one-half as large as that of last season. The number of beef-cattle and fat sheep on hand is also less than on Dec. 1, 1886. Farmers are paying more attention to the breeding of improved cattle, sheep and hogs than heretofore. Live stock is in good condition and health.

**VERMILION**—The quality of the corn is hardly up to the average for this county, owing to the drouth during the growing season. The average yield per acre is about 21 bushels. There is a large increase in the area devoted to winter wheat and rye, and the condition of the growing crop is good. The yield of Irish potatoes is the smallest for several years past. The grape crop was one of the largest ever known in the county. There was not more than one-fourth of the usual yield of apples. Considerable attention is paid to the production of timothy, clover and flax seed. The dairy interests of the county do not meet with the encouragement their importance demands. In no county in the State is there more attention paid to the improvement of the various breeds of horses, cattle, sheep and hogs than in this. The live stock of the county will compare favorably with any in the State. The supply of fat hogs, beef cattle and sheep is much less than that of last season at corresponding date. Prices are ruling very low. Farm animals are in good condition and health.

**WABASH**—The average condition of corn per acre is about 17 bushels. The greater portion of the crop is very poor in quality. On low or bottom lands the corn is sound and good. There is a decrease in the area devoted

to winter wheat of about 20 per cent. The plant has made but little growth up to Dec. 1. About half the crop was seeded late in the fall when the soil was exceedingly dry. The Irish and sweet potato crop was fully one-half short of an average. There was a fair yield of grapes, apples and pears, and more peaches than for several years past. Considerable attention is paid to the production of timothy and clover seeds. There is an increased interest manifested by the farmers of this county in the dairy. The supply of fat hogs, beef cattle and sheep is about 25 per cent. less than that on hand Dec. 1, 1886. Farmers are rapidly improving the breeds of horses, cattle and sheep. Farm animals are in good health and condition.

**WARREN**—The average yield of corn per acre is about 24 bushels. The ear is sound and firm; quality fully up to the average. There is a decrease in the area devoted to winter wheat and rye, and the growing crop looks well, although the growth is not as large as usual for Dec. 1. The Irish and sweet potato crop was fully 50 per cent. short of an average. There was a fair yield of every variety of fruit grown in this county. Considerable interest is manifested in the dairy. Farmers are paying more attention to the production of timothy and clover seed than heretofore. The supply of fat hogs, beef-cattle and sheep on hand ready for market Dec. 1 is fully 25 per cent. short of that of last season at corresponding date. Farmers are paying more attention each succeeding year to the improvement of the various breeds of cattle and horses. Draft horses especially are receiving the attention of the farmer at this time, owing to the high prices commanded in the market. Live stock is in good health and condition.

**WASHINGTON**—Owing to the drouth and chinch-bug, the corn crop of the past season is the most inferior of any ever grown in the county, in both yield and quality. The average yield will not exceed six bushels per acre. The acreage devoted to winter wheat is fully 25 per cent. less than that of the previous season. The plant has made but little growth up to Dec. 1. The condition of winter rye is much better than that of wheat and the area is about the same as that of last season. Tobacco made a very light yield. Irish and sweet potatoes yielded about one-half an average crop. There was a fair crop of grapes, apples and pears and more peaches than for several years past. A large amount of timothy, clover, Hungarian and flax seed is produced in this county. The products of the dairy all show a large increase over that of the previous season. There is a decrease of about 20 per cent. of marketable fat hogs, beef-cattle and sheep on hand Dec. 1, as compared with corresponding date last season. During the past few years there has been great improvement in the cattle, horses and sheep in the county. Farmers are giving especial attention to the breeding of draft horses. Farm animals are in good health and condition.

**WAYNE**—The corn crop was but little better than a failure, in both quality and yield per acre. The yield per acre did not exceed three bushels. Tobacco made a very fair yield. The Irish and sweet potato crop was not more than half an average for this county. The acreage seeded to winter wheat is about 20 per cent. of that of the previous season. The condition, owing to the dry weather during the fall, is not up to the average for Dec.



1. There was a fair yield of every variety of fruit. A large amount of timothy, clover and flax seed is produced in this county. There is more interest manifested in the dairy than heretofore. The supply of fat hogs, beef-cattle and sheep is much less than that on hand Dec. 1, 1886. Prices are very low. More attention is being paid to the various breeds of live stock. Farm animals are in good health and condition.

WHITE—The average yield of corn per acre will not exceed 11 bushels. The quality is considerably below the average, as much of the crop is very light and chaffy. There is a decrease in the area devoted to winter wheat of fully one-third, as compared to that of last season. The growth of the plant has been very small, much of the last seeding has not come up at all. The usual area has been seeded to winter rye, and its condition is much better than that of wheat. The Irish and sweet potato crop is fully fifty per cent. short of an average. Broom corn yielded a little over half a ton per acre. Castor beans made a fair crop. There was a fair yield of grapes, apples and pears and more peaches than for several years past. Farmers are paying more attention to timothy and clover seed than heretofore. There is an increased interest manifested in the dairy. The supply of fat hogs, beef cattle and sheep is nearly 50 per cent. less than that on hand Dec. 1, 1886. Prices are ruling very low. There is more attention given to the improvement of the various breeds of live stock than heretofore. Farm animals are in good health and condition. Farm animals are in good health and condition.

WHITESIDE—The quality of the corn crop is excellent. The ears are sound and large and most of the crop has been gathered and cribbed in good order. The average yield per acre is 27 bushels. The area devoted to winter wheat and rye is about the same as that of last season, and the general condition of the growing crop is good. There is very little winter wheat raised in this county. There was not more than one-third of an average crop of Irish potatoes. There was a fair yield of grapes, but few apples and pears. There is a large amount of timothy, clover and Hungarian seed produced in this county. The products of the dairy all show an increase over that of the previous season. The supply of marketable fat hogs, beef cattle and sheep, is about the same as that of Dec. 1, 1886. Prices are ruling low. Hogs have been troubled with cholera less during the past season than for a number of years past. Farm animals are in good health and condition. The live stock of this county will compare favorably with any in the State.

WILL—The quality of the present corn crop is fully up to the average, and the average yield per acre is about fifteen bushels. There is an increased area seeded to winter wheat as compared to that of last season. The condition of the growing crop is good. There is a large decrease in the area devoted to winter rye. The condition of the growing plant is about up to the average. There was a fair yield of grapes and about a third of a crop of apples and pears. Farmers are paying more attention to the production of the various grass seeds than heretofore. The products of the dairy show a considerable decrease when compared to that of last season. The supply of marketable fat hogs, beef cattle and sheep is about the same as that on hand Dec. 1, 1886. Far-

mers and stock breeders are giving especial attention to the breeding of heavy draft horses. There is great improvement in the breeds of other live stock. Farm animals are in good health and condition.

WILLIAMSON—The average yield of corn per acre is about 12 bushels. Owing to the drouth and chinch-bug the quality of the corn is much below the average. The area devoted to winter wheat is somewhat larger than that of the previous season. The plant has made but little growth, owing to the lack of moisture during the fall. The rye area is about 20 per cent. less than that of last season; condition only fair. There was an abundance of fruit of all kinds; more peaches than for a number of years past. Tobacco made a very fair yield and is of good quality. Irish and sweet potatoes made less than half a crop. With the exception of clover seed, there is little attention paid to the production of grass seeds. There is an increased interest manifested in the dairy by the farmers of the county. The supply of fat hogs, beef-cattle and sheep on hand and ready for market Dec. 1 is fully 25 per cent. less than that of last season. Farmers are paying more attention to the various breeds of live stock than heretofore.

WINNEBAGO—The average yield of corn per acre is about 21 bushels. The corn was damaged very much by the excessive drouth and a much larger area was cut and put in the shock than usual. On low lands the corn is very fair in quality. The area devoted to winter wheat is much less than that of last season, and the condition of the growing crop is good. There is an increased area seeded to winter rye over that of last season. Condition about the same as that of winter wheat. There was very little fruit of any description excepting grapes, of which there was a fair crop. Farmers are paying more attention to the production of grass seeds than heretofore. The dairy interests of the county are in a flourishing condition, and all the products thereof show an increase over that of last year. The supply of fat hogs, beef cattle and sheep on hand Dec. 1 is nearly one-half less than that on hand last season. The live stock of this will compare favorably with any in this portion of the State. There has been great improvement in the breeds of cattle and horses during the last few years. Farm animals are in good health and condition.

WOODFORD—The quality of the corn is very good, being even better than an average. The yield will exceed 25 bushels per acre. The area seeded to winter wheat is somewhat larger than that of last season, and the growing crop looks well. The rye area is fully one-third less than that of last season and its condition is good. The Irish and sweet potato crop is much below the average, owing to the drouth during the summer. There was a fair yield of grapes and apples, but little of other varieties of fruit. More attention than heretofore is given to the production of the various grass seeds. The product of the dairy is about as large as that of last season. The supply of marketable fat hogs, beef cattle and sheep is about 25 per cent. less than that on hand Dec. 1, 1886. Of late years farmers and stock-breeders are giving special attention to breeding heavy or draft horses, which command good prices in the market. There is a gradual improvement going on in the breeds of all kinds of live stock. Farm animals are in good health and condition.



**SOUTHERN DIVISION.**

## 35

COUNTIES.	AV. YIELD PER ACRE IN BU.							COUNTIES.	AV. YIELD PER ACRE IN BU.								
	1880	1881	1882	1883	1884	1885	1886		1887	1880	1881	1882	1883	1884	1885	1886	1887
Boone.....	40	32	26	21	38	27	18	20	Adams.....	34	32	24	28	33	32	22	25
Bureau.....	34	23	18	20	28	34	25	17	Brown.....	25	32	20	26	35	37	17	27
Carroll.....	45	30	42	18	39	30	32	32	Calhoun.....	32	20	40	40	40	38	32	28
Cook.....	39	22	26	14	39	26	21	33	Cass.....	32	30	30	34	34	32	25	33
DeKalb.....	38	36	26	20	38	28	25	20	Champaign.....	36	22	24	40	25	42	40	22
DuPage.....	42	25	25	20	39	37	22	19	Christian.....	39	22	19	16	29	32	24	20
Grundy.....	28	22	20	12	32	29	24	*17	Clark.....	27	7	24	31	28	26	29	7
Henderson..	43	22	22	22	35	32	24	23	Coles.....	37	19	24	30	23	32	34	17
Henry.....	34	1	22	18	26	29	17	18	Cumberland.....	35	4	27	24	28	27	32	6
Iroquois.....	22	26	19	27	30	25	29	23	Dewitt.....	30	35	23	29	30	31	26	24
Jo Daviess.....	41	32	33	24	37	45	20	20	Douglas.....	36	27	30	24	31	40	36	20
Kane.....	37	32	25	25	25	30	27	23	Edgar.....	37	21	30	31	27	35	34	18
Kankakee.....	25	25	18	16	27	28	24	17	Ford.....	30	27	25	15	24	28	33	15
Kendall.....	39	22	31	21	33	33	25	14	Fulton.....	35	34	20	23	35	34	23	24
Knox.....	38	29	19	26	34	34	25	28	Greene.....	45	32	43	40	42	40	30	20
Lake.....	41	24	24	20	35	35	27	10	Hancock.....	39	25	14	20	32	30	22	28
LaSalle.....	35	17	23	18	31	32	27	20	Jersey.....	31	19	32	40	32	35	25	22
Lee.....	33	24	26	20	30	22	26	27	Logan.....	35	36	25	28	25	34	30	15
Livingston.....	19	26	17	17	25	29	23	17	Macon.....	43	30	22	32	38	42	27	20
Marshall.....	41	30	27	25	32	32	24	35	Macoupin.....	40	28	24	30	35	35	22	20
McHenry.....	44	24	27	30	39	49	30	16	Mason.....	20	25	12	14	23	16	16	16
Mercer.....	42	23	25	25	36	30	17	22	McDonough.....	32	40	20	25	40	30	14	14
Ogle.....	40	31	25	17	37	35	22	22	McLean.....	31	39	18	27	29	32	29	23
Peoria.....	40	26	23	19	26	28	21	25	Menard.....	31	42	26	23	22	33	29	23
Putnam.....	40	22	34	30	43	35	38	19	Montgomery.....	33	10	26	34	34	30	23	9
Rock Island.....	32	20	25	24	29	31	19	29	Morgan.....	42	41	24	36	34	38	27	26
Stark.....	37	28	30	26	37	38	32	26	Moultrie.....	34	23	19	24	28	37	30	21
Stephenson.....	38	40	27	16	38	30	20	19	Piatt.....	33	32	24	40	30	35	37	22
Warren.....	39	27	24	40	35	46	21	24	Pike.....	22	21	34	31	39	33	34	29
Whiteside.....	35	23	19	18	32	24	18	27	Sangamon.....	36	41	21	38	33	41	26	24
Will.....	36	27	22	37	32	25	26	15	Schuyler.....	32	40	22	33	36	25	29	27
Winnebago.....	39	34	29	15	31	28	20	21	Scott.....	39	45	27	38	40	39	27	28
Woodford.....	27	32	17	20	35	28	27	25	Shelby.....	36	20	28	30	27	34	28	15
Average.....	37	27	23	22	34	32	24	21	Tazewell.....	34	30	23	23	27	33	26	21
									Vermilion.....	43	21	22	32	34	37	37	21
									Average.....	34	28	23	29	31	34	28	21

PRICES OF CROPS, DECEMBER 1, 1887.

COUNTIES.	Corn per bushel.	Winter Wheat per bushel.	Spring Wheat per bushel.	Oats per bushel.	Rye per bushel.	Barley per bushel.	Buckwheat per bu.	White Beans per bu	Castor Beans per bu.	Irish Potatoes per bushel.	Sweet Potatoes per bushel.	Winter Apples per bushel.	Flax Seed per bushel.	Timothy seed per bushel.	Clover Seed per bu.	Hungarian and Millet Seed per bushel.
Adams	0 40	0 69	...	0 25	0 50	...	...	...	...	0 72	1 20	1 00	...	2 15	4 15	...
Alexander	50	75	...	35	...	...	...	2 25	...	1 00	50	1 00	...	...	4 00	...
Bond	48	70	...	25	53	...	...	2 50	1 15	82	1 20	75	...	2 50	4 70	65
Boone	41	69	64	27	49	51	76	1 40	...	83	2 25	95	1 25	2 30	4 55	1 75
Brown	42	69	68	29	52	...	2 00	2 65	3 00	1 00	1 15	1 15	...	2 50	4 20	...
Bureau	42	64	64	27	44	65	1 00	2 00	...	94	1 25	9	...	2 35	5 00	...
Calhoun	42	67	70	27	50	60	50	1 85	...	67	85	75	...	2 25	4 50	...
Carroll	38	70	65	24	47	43	70	2 25	...	72	1 25	1 10	...	2 35	5 50	...
Cass	40	69	...	25	50	...	...	2 50	...	1 00	1 00	1 15	...	2 25	4 50	...
Champaign	41	68	57	26	45	35	1 00	2 50	...	1 06	1 80	1 05	2 00	2 65	4 70	85
Christian	40	68	64	26	42	...	...	2 40	...	1 00	1 55	95	...	2 30	4 60	...
Clark	47	71	...	25	52	...	76	2 75	...	1 05	1 25	1 05	1 50	2 55	4 45	...
Clay	53	71	...	25	52	...	60	2 25	3 50	95	1 00	65	75	2 40	4 65	75
Clinton	50	77	...	30	50	...	...	1 00	70	70	90	75	...	2 25	...	...
Coles	43	73	...	26	48	...	50	2 15	...	1 00	1 20	1 00	90	2 35	4 45	77
Cook	46	80	80	29	50	55	90	2 25	...	80	1 00	1 00	1 15	2 10	4 35	70
Crawford	49	68	...	25	47	...	73	2 80	1 00	1 20	1 35	90	...	2 25	3 95	...
Cumberland	46	68	...	26	51	...	61	2 55	...	96	1 25	85	1 25	2 05	4 70	50
DeKalb	37	68	62	27	47	50	75	2 25	...	97	1 50	1 00	1 15	2 20	4 85	70
DeWitt	41	65	55	27	45	...	...	...	...	1 05	1 25	1 15	...	2 90	4 75	50
Douglas	42	69	...	26	47	...	...	2 50	...	1 10	1 20	1 00	1 00	2 25	4 10	68
DuPage	48	85	75	31	53	...	...	...	...	82	...	1 50	1 10	2 25	4 50	65
Edgar	43	71	65	30	60	...	...	2 25	...	1 20	1 15	1 30	...	2 00	4 75	62
Edwards	45	65	...	25	...	...	...	...	...	80	1 00	1 00	75	...	2 50	...
Effingham	50	64	...	25	45	...	50	2 35	...	89	1 30	75	1 00	2 50	4 00	...
Fayette	50	65	...	25	50	...	...	3 00	...	95	1 10	65	...	2 40	4 65	...
Ford	46	...	...	25	28	35	...	...	...	1 10	...	1 15	1 00	2 00	4 50	40
Franklin	52	72	...	27	70	...	...	...	1 00	80	1 00	75	1 05	3 30	4 00	75
Fulton	45	70	...	28	52	...	...	2 00	1 00	96	1 10	1 25	...	2 45	3 80	...
Gallatin	40	68	...	25	...	...	...	2 35	...	83	87	85	...	2 50	4 15	...
Greene	40	70	...	30	...	...	...	...	...	80	...	1 00	...	...	...	...
Grundy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hamilton	47	60	50	25	60	...	60	2 50	95	90	87	60	1 00	2 65	4 20	62
Hancock	39	67	60	25	44	65	...	...	...	96	100	105	...	2 30	4 10	...
Hardin	40	70	...	27	57	...	...	2 25	...	75	57	60	...	...	3 30	...
Henderson	38	64	60	28	46	...	...	...	...	1 10	1 35	1 00	...	2 30	5 25	70
Henry	39	68	63	25	43	47	70	2 50	3 00	88	1 25	1 00	...	2 55	5 35	1 15
Iroquois	40	63	60	26	40	...	...	2 05	...	1 03	1 50	1 05	1 05	2 15	4 30	50
Jackson	60	64	...	27	...	...	50	2 50	...	67	1 00	85	...	2 00	4 00	...
Jasper	50	66	...	24	50	...	...	2 85	...	1 00	1 10	80	90	2 30	5 15	67
Jefferson	58	72	...	26	65	...	...	1 50	1 10	92	73	85	1 10	2 60	4 00	65
Jersey	39	70	...	27	50	...	...	2 50	...	91	1 05	1 00	...	2 60	4 35	...
JoDaviess	44	73	68	28	45	76	80	2 25	5 00	55	...	75	...	2 75	4 50	...
Johnson	53	68	...	35	60	...	...	3 00	...	92	67	50	...	...	3 75	1 25
Kane	44	69	63	30	48	65	62	1 85	...	85	...	1 40	1 15	2 10	4 20	50
Kankakee	40	71	70	26	46	...	70	2 10	...	1 00	...	95	1 10	2 35	4 50	40
Kendall	39	56	70	25	45	...	80	1 50	...	83	...	90	1 10	2 20	4 00	45
Knox	41	68	63	30	47	...	...	2 50	...	83	1 10	1 00	...	2 70	4 40	1 10
Lake	47	75	75	30	60	60	...	1 50	...	1 00	...	75	1 10	2 75	5 00	...
LaSalle	39	69	64	25	48	50	1 00	2 35	...	91	1 30	1 15	...	2 20	4 60	50
Lawrence	42	70	...	27	...	...	50	2 50	...	1 15	1 00	1 10	...	2 35	3 50	...
Lee	41	72	70	24	51	44	50	1 25	...	92	1 10	1 00	1 15	1 85	4 75	...



## PRICES OF CROPS DECEMBER 1, 1887—Continued.

COUNTIES.	Corn per bushel.	Winter Wheat per bushel.	Spring Wheat per bushel.	Oats per bushel.	Rye per bushel.	Barley per bushel.	Buckwheat per bu.	White Beans per bu.	Castor Beans per bu.	Irish Potatoes per bushel.	Sweet Potatoes per bushel.	Winter Apples per bushel.	Flax Seed per bushel.	Timothy Seed per bushel.	Clover Seed per bu.	Hungarian and Millet Seed per bushel.
Livingston.....	\$ 39	\$ 61	\$ 55	\$ 25	\$ 45	....	\$ 50	\$ 1 50	....	\$ 1 05	\$ 1 60	10	\$ 82	\$ 2 25	\$ 4 50	\$ 75
Logan.....	41	69	....	27	45	....	....	....	....	97	1 25	1 00	....	2 50	5 00	....
Macon.....	41	75	....	26	55	....	....	....	....	1 05	1 15	1 10	1 05	2 85	4 85	....
Macoupin.....	45	69	....	27	55	....	62	2 75	....	97	1 35	90	....	2 05	4 70	....
Madison.....	47	70	....	30	50	....	....	....	1 05	55	1 00	50	....	2 75	4 00	....
Marion.....	51	66	....	26	50	....	50	2 05	80	86	1 00	65	....	2 55	4 50	65
Marshall.....	40	70	64	25	42	55	....	....	....	95	1 50	1 00	....	2 10	4 10	....
Mason.....	38	66	....	26	40	....	....	....	....	1 10	....	1 00	....	....	6 00	....
Massac.....	50	70	....	40	70	....	75	1 50	....	80	80	75	....	....	4 50	....
McDonough.....	40	69	68	30	40	....	....	1 25	....	77	1 35	1 10	2 50	3 10	4 00	....
McHenry.....	47	75	75	28	55	54	60	1 60	....	91	2 00	95	1 25	2 00	4 00	65
McLean.....	42	67	....	28	47	60	....	....	....	1 00	1 25	1 05	....	2 45	4 45	....
Menard.....	41	65	....	26	50	....	....	3 00	....	1 00	1 00	1 05	....	2 50	5 00	60
Mercer.....	38	62	56	23	45	....	....	....	....	66	1 05	1 05	....	2 66	5 00	75
Monroe.....	50	70	....	32	....	....	....	....	....	75	....	80	....	....	2 00	....
Montgomery.....	43	72	....	24	49	....	....	2 75	....	1 00	1 70	90	....	2 15	4 35	....
Morgan.....	40	67	....	26	43	62	....	....	....	92	1 20	1 55	2 50	2 50	4 20	50
Moultrie..	40	69	50	25	50	....	....	2 25	....	1 10	1 60	1 00	....	2 50	4 50	63
Ogle.....	41	77	65	24	45	....	40	2 00	....	90	1 50	80	....	2 75	5 00	....
Peoria.....	42	79	65	30	49	....	....	2 50	....	94	1 35	1 20	....	2 45	4 30	....
Perry.....	52	67	25	25	50	....	....	2 50	85	65	85	70	....	2 40	3 65	80
Piatt.....	40	65	60	27	30	....	90	2 50	....	1 00	1 25	1 00	....	2 10	4 00	....
Pike.....	41	70	....	24	47	....	....	....	....	91	1 00	1 20	....	2 80	3 85	....
Pope.....	50	65	....	37	57	60	1 00	1 75	5 00	72	75	50	....	1 65	4 10	1 00
Pulaski.....	48	73	....	32	....	....	....	1 75	1 10	1 00	62	1 00	....	2 30	4 35	80
Putnam.....	46	65	62	24	45	....	....	....	....	1 00	1 25	1 00	....	2 50	4 50	....
Randolph.....	47	72	....	35	50	75	....	1 75	1 00	67	90	75	....	1 25	4 00	80
Richland.....	47	71	....	23	45	....	45	1 75	....	90	80	90	....	1 90	4 05	....
Rock Isl and.....	41	68	64	27	48	62	....	....	....	64	1 25	1 00	....	2 75	5 50	....
Saline.....	50	70	....	30	70	....	....	2 10	....	90	1 00	60	....	1 85	3 75	....
Sangamon.....	41	69	....	27	50	....	....	....	....	92	....	1 00	....	2 55	4 50	....
Schuyler.....	42	67	70	27	47	....	....	2 40	....	1 15	1 40	1 15	....	3 45	4 15	....
Scott.....	41	67	....	27	45	....	75	2 00	....	95	1 50	1 30	....	2 65	4 50	....
Shelby.....	47	69	....	26	43	....	65	2 65	....	1 10	1 20	85	....	2 20	4 50	1 00
Stark.....	39	72	63	27	45	50	1 00	....	....	89	1 75	1 10	....	2 45	4 65	....
St. Clair.....	50	70	....	30	50	50	....	....	....	75	1 00	1 00	....	2 00	4 00	....
Stephenson.....	42	66	65	27	45	44	67	1 90	....	50	....	1 10	1 00	2 25	4 55	....
Tazewell.....	41	68	66	27	47	50	....	....	....	1 00	87	1 15	....	2 15	4 50	....
Union.....	50	70	....	30	....	....	....	....	....	1 00	1 00	90	....	3 00	4 00	60
Vermilion.....	42	72	....	26	40	....	....	....	75	1 00	75	1 00	2 10	3 00	4 00	....
Wabash.....	40	67	....	26	....	....	50	2 25	....	1 05	93	85	....	2 85	3 65	....
Warren.....	39	65	63	26	42	....	....	3 50	....	92	1 60	1 35	....	2 15	4 85	....
Washington.....	52	70	....	27	55	....	60	2 75	1 00	66	43	80	1 00	2 35	4 25	75
Wayne.....	45	65	....	25	50	....	50	2 50	1 50	1 00	1 00	75	....	1 25	3 25	....
White.....	42	67	....	26	50	....	65	1 50	1 05	91	1 00	80	....	2 50	3 85	....
Whiteside.....	38	63	65	24	46	50	....	2 50	....	95	1 25	1 25	....	2 50	4 50	....
Will.....	45	80	72	30	59	70	85	1 55	2 00	83	....	50	1 05	1 70	4 85	65
Williamson.....	50	66	....	29	50	....	....	2 00	1 00	84	65	50	....	2 40	3 80	....
Winnebago.....	40	70	67	27	49	44	40	2 00	....	80	....	1 00	....	2 35	4 50	....
Woodford.....	40	72	70	26	50	....	45	....	....	95	1 25	1 10	....	2 40	4 00	....

PRICES OF CROPS, DECEMBER 1, 1887—Continued.

COUNTIES.	Peaches per bushel.	Pears per bushel.	Grapes per pound.	Clover Hay per ton.	Timothy Hay per ton.	Prairie Hay per ton.	Hungarian and Millet Hay per ton.	Broom Corn per ton.	Leaf Tobacco per pound.	Native Wine per gallon.	Sorghum Molasses per gallon.	Wool per pound.	Milch Cows per head.	Butter per pound.	Cheese per pound.	Milk per gallon.	Cream per gallon.
Adams	\$ 00	\$ 00	0 03	\$ 35	\$ 65						0 50	0 22	\$ 38	0 18	0 15		
Alexander	50	1 00	02	12 00	15 00		12 00				40	40		20		20	
Bond	1 60	1 90	04	7 50	10 10		5 50			1 00	35	23	28	16	12	20	36
Boone			05	8 40	10 60	7 80	5 00	75				30	33	22	10	17	1 00
Brown	75	1 50	03	7 25	9 85	7 00				2 00	50	20	30	19	15	40	
Bureau			03	9 50	11 15	8 50				1 00	50	22	27	18	13	20	60
Calhoun	2 00	2 00	05	6 35	10 00	5 00	8 00		06	50	40	25	28	18	30	10	18
Carroll			05	11 00	14 00	8 00					50	20	19	19			30
Cass			05	7 35	13 50	8 00				1 25	50		31	19		18	60
Champaign	1 85	1 65	03	6 85	9 65	6 00	8 50	65		3 00	45	22	32	18	18	20	1 00
Christian	2 00	1 75	04	6 65	9 05					1 15	42	24	28	18	13	19	
Clark	1 50	1 10	04	6 00	7 90				75	09	1 50	47	25	22	14	11	
Clay	75	1 25	04	8 00	8 85		5 50		12		45	25	22	15	12	20	
Clinton	1 50	90	03	9 75	11 00	6 00			10	1 00	35	22	27	17	11	14	
Coles	2 50	1 50	05	8 00	9 80	5 50	7 00	70			48	22	26	18	17	10	
Cook	2 00	2 00	03	11 00	12 35	9 00	11 00		08	1 00	55	27	37	27	09	11	
Crawfloyd	1 20	1 20	05	6 20	7 85	4 00		50	09		53	23	23	12	13	15	25
Cumberland	1 25	1 50	03	5 60	7 50			68	15	1 35	46	26	23	16	14	17	40
DeKalb	2 40	3 00	04	11 00	11 35	10 35	9 25	80		2 00	50	32	27	24	11	13	77
DeWitt	2 00	1 75	05	6 00	9 35	7 00	3 00				43	25	35	15	15	20	50
Douglas	3 00	2 50	04	5 60	8 10	5 00	5 50	68			50	24	30	16	12	20	40
DuPage	3 00	2 00	04	10 65	14 35	12 00	10 00					29	27	27	11	13	40
Edgar	2 00	1 50	04	6 00	8 60		6 00	62			45	20	29	16	12	35	
Edwards	1 00	75	04	7 00	8 00						50	26	30	15			
Effingham	1 15	1 50	05	6 00	8 50	5 00			10		43	23	21	14	17	16	30
Fayette		1 00	06	8 00	9 35						50	21	24	15		20	
Ford			03	7 65	9 35	6 5	6 00				50		28	18			
Franklin	85	1 00	05	8 00	10 65		7 00		05		50	32	27	27		20	40
Fulton			04	9 25	11 75	12 00					58	21	29	17		19	50
Gallatin	55	85	03	9 00	11 35						38	40	20	20		20	
Greene				12 00	12 00								30	25			
Grundy																	
Hamilton	60	85	03	10 00	10 65				03		47	33	19	15	20	20	
Hancock		2 00	02	7 40	10 40					45	42	21	22	16	12	20	25
Hardin	50	1 00	04	7 50	10 50	9 00			05	3 00	40	27	20	20		20	30
Henderson	3 00		03	8 65	12 35	5 50					50	28	22	17	15	20	50
Henry	3 00	3 00	04	9 80	11 65	9 00	7 00	73		2 00	46	24	24	18	14	19	69
Iroquois		1 00	04	9 25	8 95	5 20	6 00				43	25	26	20	10	10	26
Jackson	2 00	1 50	05	9 00	11 00				20	75	42	30	20	17	10	20	
Jasper	1 65	1 40	05	7 75	8 00	8 00	4 50	78	11	1 75	45	25	24	13	13	09	19
Jefferson	1 35	1 25	04	7 00	9 65		7 00		08		50	22	27	18	11	20	20
Jersey	1 00	1 00	04	5 00	10 25					1 50	43	20	31	20	15		50
JoDaviess			05	10 35	14 35	8 75			08		50	20	22	20	12		
Johnson	60	85		10 00	11 35				05		45	32	20	17		10	15
Kane	3 00		06	9 50	11 60	9 60	8 00					23	32	28	12	12	56
Kankakee			05	8 00	10 25	6 50	7 00				63	25	25	20	13	39	75
Kendall			04	10 00	12 00	10 00	10 00					27	28	22	13	09	
Knox			03	11 25	14 00	10 00	12 00	67		1 00	46	23	26	20	34	14	66
Lake	1 00	1 00	05	10 00	12 00	10 00	10 00				40	28	45	26	13	08	
LaSalle	2 00		06	9 50	13 70	9 40		1 40			52	20	30	19	15	20	60
Lawrence	1 00	1 35	08	5 35	7 65						43	21	22	17	10	15	50
Lee			03	9 35	12 65	7 65						22	26	19	09	20	29



## PRICES OF CROPS, DECEMBER 1, 1887—Continued.

COUNTIES.	Peaches per bushel.	Pears per bushel.	Grapes per pound.	Clover Hay per ton.	Timothy Hay per ton.	Prairie Hay per ton.	Hungaria and Millet Hay per ton.	Broom Corn per ton.	Leaf Tobacco per pound.	Native Wine per gallon.	Sorghum Molasses per gallon.	Wool per pound.	Milk Cows, value per head.	Butter per pound.	Cheese per pound.	Milk per gallon.	Cream per gallon.
Livingston .....	...	...	05	7 65	10 00	7 00	.....	70	.....	1 00	50	1	29	18	12	20	40
Logan .....	3 00	1 10	03	8 35	14 35	7 50	.....	.....	.....	1 00	40	.....	33	18	.....	15	.....
Macon .....	1 25	1 10	04	9 25	12 00	10 00	.....	.....	.....	.....	40	23	37	21	15	25	1 00
Macoupin .....	3 00	1 10	04	6 25	9 15	7 00	8 00	.....	.....	.....	45	26	29	17	11	12	60
Madison .....	2 00	1 35	1 03	11 00	15 50	.....	.....	.....	.....	75	40	20	32	20	12	10	60
Marion .....	85	1 35	05	8 50	9 50	4 00	.....	.....	10	30	37	23	22	18	.....	15	25
Marshall .....	.....	.....	05	7 50	13 50	8 00	.....	.....	.....	.....	57	18	25	20	17	20	.....
Mason .....	.....	.....	.....	3 00	8 00	6 00	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....
Massac .....	50	75	03	12 00	15 00	.....	.....	.....	.....	.....	40	30	15	20	.....	10	.....
McDonough .....	2 50	1 75	04	8 00	9 00	.....	.....	.....	.....	.....	40	25	27	15	17	.....	35
McHenry .....	.....	.....	03	10 25	11 25	7 75	9 50	.....	.....	1 00	45	27	30	29	10	14	50
McLean .....	.....	.....	04	8 65	10 40	11 00	.....	.....	.....	.....	50	24	28	16	16	.....	.....
Menard .....	1 90	.....	04	7 50	9 75	8 00	8 00	.....	.....	2 00	47	23	32	20	15	20	.....
Mercer .....	.....	.....	03	11 50	13 00	9 00	10 00	.....	.....	.....	47	22	24	17	12	.....	30
Monroe .....	1 50	1 00	04	8 00	13 00	.....	.....	.....	.....	80	35	21	30	20	.....	.....	.....
Montgomery .....	1 50	1 50	04	7 30	9 00	.....	10 00	65	.....	.....	42	24	30	18	15	.....	.....
Morgan .....	.....	1 00	05	10 35	11 25	.....	7 00	.....	.....	.....	57	23	37	24	16	08	42
Moultrie .....	1 50	1 75	03	5 50	8 25	5 00	5 35	75	.....	.....	37	24	31	16	17	20	35
Ogle .....	.....	.....	04	7 50	10 50	6 50	.....	.....	.....	.....	.....	27	21	20	14	.....	45
Peoria .....	.....	.....	05	8 25	12 75	10 00	.....	.....	.....	.....	45	21	29	22	13	.....	.....
Perry .....	75	80	10	7 50	10 00	.....	.....	.....	10	1 00	50	26	28	22	15	10	40
Piatt .....	.....	.....	05	7 50	9 65	5 00	5 00	65	.....	.....	55	18	32	18	.....	.....	.....
Pike .....	.....	2 00	04	7 75	10 00	.....	.....	.....	.....	.....	50	25	28	16	.....	.....	.....
Pope .....	2 25	70	03	9 00	13 00	.....	7 00	75	04	1 00	45	30	30	15	20	40	90
Pulaski .....	75	1 00	04	9 00	13 35	.....	8 00	.....	05	1 00	40	26	22	23	15	20	.....
Putnam .....	.....	.....	04	10 00	12 35	8 00	.....	.....	.....	.....	55	.....	30	19	15	.....	.....
Randolph .....	75	80	04	7 00	10 00	.....	5 00	80	.....	75	40	25	25	12	.....	19	.....
Richland .....	85	1 00	04	7 35	9 00	.....	.....	.....	1 00	43	25	18	13	10	08	.....	.....
Rock Island .....	.....	.....	03	11 25	14 00	14 00	12 00	.....	1 00	50	28	27	22	13	18	60	.....
Saline .....	55	75	04	8 00	10 00	10 00	.....	.....	04	40	50	32	25	20	.....	.....	.....
Sangamon .....	.....	.....	04	8 75	12 50	.....	.....	.....	.....	.....	50	25	33	22	15	.....	.....
Schuyler .....	1 50	.....	02	8 50	10 00	4 00	.....	.....	.....	.....	45	18	29	18	12	40	75
Scott .....	.....	1 00	02	9 00	12 00	.....	.....	.....	.....	.....	50	25	37	16	15	.....	.....
Shelby .....	1 00	.....	04	8 25	9 35	.....	.....	.....	15	.....	50	18	27	17	15	.....	35
Stark .....	2 00	.....	04	10 75	13 50	9 00	.....	.....	.....	.....	61	22	31	19	17	20	40
St. Clair .....	.....	1 00	05	8 00	12 00	.....	.....	.....	.....	30	.....	.....	25	20	10	20	.....
Stephenson .....	.....	.....	05	11 00	13 60	12 00	.....	.....	09	40	50	20	28	18	11	.....	16
Tazewell .....	1 25	.....	04	10 65	13 65	7 00	.....	.....	.....	90	40	28	28	20	11	20	50
Union .....	2 50	2 00	06	8 00	11 00	.....	.....	.....	.....	.....	50	30	14	25	.....	15	40
Vermilion .....	.....	.....	04	6 50	8 65	.....	.....	.....	.....	.....	50	25	32	19	12	.....	.....
Wabash .....	85	3 55	05	6 65	9 35	.....	.....	.....	10	.....	43	22	23	21	12	25	.....
Warren .....	2 50	3 00	04	12 00	13 65	8 00	.....	60	.....	2 00	47	24	25	19	15	18	40
Washington .....	85	95	05	8 65	9 85	.....	7 00	.....	10	85	47	28	27	19	.....	09	30
Wayne .....	1 00	1 50	02	6 00	10 00	.....	.....	35	07	1 00	50	23	20	12	15	.....	.....
White .....	70	1 00	03	6 00	8 75	.....	.....	75	.....	1 20	39	27	23	17	15	.....	.....
Whiteside .....	.....	.....	04	7 00	8 35	5 35	7 00	.....	.....	.....	40	.....	25	19	.....	10	.....
Will .....	.....	.....	95	11 00	13 00	9 00	9 00	.....	14	87	50	33	28	23	10	09	1 00
Williamson .....	1 00	1 00	05	9 00	11 25	.....	.....	.....	04	.....	58	37	21	17	.....	.....	.....
Winnebago .....	1 50	.....	05	10 00	12 75	10 50	6 00	.....	.....	.....	50	23	18	23	12	20	21
Woodford .....	.....	.....	04	12 00	13 65	12 00	.....	.....	.....	.....	43	21	28	15	13	20	.....

## CORN.

COUNTIES.	Acreage 1887, re- turned by Asses- sors.	Average yield per acre in bushels.	Total yield in bush- els.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of produc- tion.	Profit on crop.	Loss on crop.
Adams.....	80,964	25	2,024,100	\$0 40	\$809,640	\$11 75	\$951,227	.....	\$141,687
Alexander ..	78,862	20	177,240	50	88,620	11 90	105,458	.....	16,838
Bond.....	36,393	2	73 486	48	35,325	10 40	381,607	.....	346,382
Boone.....	30,524	20	610,480	41	250,297	12 05	367,814	.....	117,517
Brown.....	28,375	27	766,125	42	321,772	10 25	290,844	\$30,925	.....
Bureau.....	138,135	18	2,486,430	42	1,044,301	11 25	1,554,019	.....	509,718
Calhoun.....	11,926	28	333,948	42	140,258	13 35	159,212	.....	18,954
Carroll.....	59,156	31	1,833,836	38	696,858	11 30	668,463	28,395	.....
Cass.....	47,274	33	1,560,042	40	624,017	9 85	465 649	158,368	.....
Champaign..	222,800	20	4,456,000	41	1,826,960	10 90	2,428,520	.....	601,560
Christian....	110,783	22	2,437,226	40	974,890	9 30	1,030 282	.....	55,392
Clark.....	39,995	7	279,965	47	131,583	9 60	383,952	.....	252,369
Clay.....	29,806	4	119,224	53	63,189	10 40	309,982	.....	246,793
Clinton.....	46,153	4	184,612	50	92,306	10 20	470,761	.....	378,455
Coles.....	58,111	17	987,887	43	424,791	10 00	581,110	.....	156,319
Cook.....	46,594	27	1,258,038	46	587,697	10 05	468,270	110,427	.....
Crawford.....	31,844	9	236,596	49	140,432	9 55	303,110	.....	162,678
Cumberland..	24,320	6	145,920	46	67,123	8 15	198,208	.....	131,085
DeKalb.....	90,728	25	2,268,200	37	839,234	10 80	979,862	.....	140,628
DeWitt.....	75,307	24	1,807,368	41	741,021	8 45	636,344	104,677	.....
Douglas.....	58,061	20	1,161,230	42	487,712	10 45	606,737	.....	119,025
DuPage.....	29,260	19	555,940	48	266,851	13 05	381,843	.....	114,992
Edgar.....	94,831	18	1,703,358	43	732,444	8 55	809,095	.....	76,651
Edwards.....	13,921	6	83,526	45	37,587	9 00	125,289	.....	87,702
Effingham...	41,445	6	248,670	50	124,335	11 30	468,328	.....	343,993
Fayette.....	52,350	4	209 400	50	104,700	10 10	528,735	.....	424,035
Ford.....	112,792	15	1,691,880	40	576,752	9 35	1,054,605	.....	377,853
Franklin....	34,058	6	204,348	52	106,261	8 45	287,790	.....	181,529
Fulton.....	92,671	24	2,224,104	45	1,000,847	10 55	977,679	23,168	.....
Gallatin.....	12,585	17	383,945	40	153,578	10 80	243,918	.....	90,340
Greene.....	57,776	20	1,155,520	40	462,208	13 45	777,087	.....	314,879
Grundy.....	82,754	*17	1,406,828 *	40	562,727	9 90	819,265	.....	256,538
Hamilton....	36,251	7	253,757	47	119,266	8 50	308,133	.....	188,867
Hancock....	80,696	28	2,259,448	39	881,185	9 45	762,577	118,608	.....
Hardin.....	9,677	30	290,310	40	116,124	9 65	93,383	22,741	.....
Henderson..	54,064	23	1,243,472	38	472,519	9 40	508,202	.....	35,683
Henry.....	129,923	18	2,328,614	39	908,159	11 80	1,533,091	.....	624,932
Iroquois....	215,034	23	4,945,782	40	1,978,313	8 40	1,802,286	172,027	.....
Jackson.....	23,700	25	592,500	60	355,500	13 35	316,395	39,105	.....
Jasper.....	42,950	5	214,750	50	107,375	8 80	377,960	.....	270,585
Jefferson....	47,149	6	282,894	58	164,078	9 65	454,988	.....	290,910
Jersey.....	38,738	22	852,236	39	332,372	11 90	460,982	.....	128 610
JoDavies..	50,612	20	1,012,240	44	445,386	12 85	650,364	.....	204,978
Johnson....	15,142	22	333,124	53	176,556	8 55	129,464	47,092	.....
Kane.....	52,770	23	1,213,710	44	534,032	13 60	717,672	.....	183,640
Kankakee...	91,105	17	1,548,785	40	619,514	9 30	847,276	.....	227,762
Kendall....	56,447	14	790,258	39	308,201	10 80	609,628	.....	301,427
Knox.....	93,944	28	2,630,432	41	1,078,477	11 70	1,099,145	.....	20,668
Lake.....	24,545	10	245,450	47	115,261	13 35	327,676	.....	212,415
LaSalle.....	205,888	20	4,117,760	39	1,605,926	11 25	2,316,240	.....	718,314
Lawrence..	31,177	16	498,832	42	169,509	10 65	332,035	.....	162,526
Lee.....	85,590	27	2,310,930	41	947,481	10 20	873,018	74,463	.....



## CORN—Continued.

COUNTIES.	Acreage 1887, re- turned by Asses- sors.	Average yield per acre in bushels.	Total yield in bush- els.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of produc- tion.	Profit on crop.	Loss on crop.
Livingston ..	236,713	17	4,024,121	\$0 39	\$1,569,407	\$10 10	\$2,390,801	.....	\$821,394
Logan .....	135,473	15	2,032,095	41	833,159	9 25	1,253,125	.....	419,966
Macon .....	116,531	20	2,330,620	41	955,554	10 95	1,276,014	.....	320,460
Macoupin. . .	95,920	20	1,918,400	45	863,280	10 20	1,078,384	.....	215,104
Madison .....	82,317	12	987,804	47	473,268	12 50	1,028,962	.....	555,694
Marion .....	49,204	6	295,224	51	150,564	9 00	442,836	.....	292,272
Marshall .....	71,652	25	1,791,300	40	716,520	10 80	773,842	.....	57,322
Mason .....	62,133	16	994,128	38	377,769	8 50	528,130	.....	150,361
Massac .....	14,407	27	388,989	50	194,494	14 50	208,901	.....	14,407
McDonough. .	30,007	14	420,098	40	168,039	11 20	336,078	.....	168,039
McHenry .....	57,397	16	918,352	47	431,625	11 50	660,065	.....	228,440
McLean .....	221,139	23	5,086,197	42	2,136,203	9 50	2,100,820	\$35,383	.....
Menard .....	70,350	23	1,618,050	41	663,401	10 65	749,227	.....	85,827
Merced .....	73,164	22	1,609,608	38	611,651	11 00	804,804	.....	193,153
Monroe .....	17,513	10	175,130	50	87,565	13 70	239,928	.....	152,363
Montgomery	96,842	9	871,578	43	374,778	9 10	875,262	.....	500,484
Morgan .....	104,735	26	2,723,110	40	1,089,244	10 65	1,115,828	.....	26,584
Moultrie .....	32,656	21	685,776	40	274,310	9 50	310,232	.....	35,922
Ogle .....	102,639	22	2,253,058	41	925,804	9 55	980,302	.....	54,498
Peoria .....	69,243	25	1,731,075	42	737,051	11 05	765,135	.....	38,084
Perry .....	13,937	4	55,748	52	28,939	8 15	113,586	.....	84,597
Piatt .....	79,367	22	1,746,074	40	898,430	10 20	809,543	.....	111,113
Pike .....	75,900	29	2,201,100	41	902,451	11 90	903,210	.....	759
Pope .....	18,892	20	377,840	50	188,920	10 70	202,144	.....	13,234
Pulaski .....	12,196	21	256,116	48	122,936	12 65	154,279	.....	31,343
Putnam .....	24,764	19	470,516	46	216,437	10 15	251,355	.....	34,918
Randolph .....	26,249	19	498,731	47	234,403	10 30	270,365	.....	35,962
Richland ..	26,583	7	186,088	47	87,461	9 45	251,219	.....	163,758
Rock Island .	48,659	29	1,411,111	41	578,555	12 35	600,939	.....	22,384
Saline .....	30,719	18	552,942	50	276,471	8 40	258,040	18,431	.....
Sangamon .....	132,990	24	3,191,760	41	1,308,622	11 50	1,529,385	.....	220,763
Schuyler .....	37,614	27	1,035,578	42	434,943	10 80	406,231	28,712	.....
Scott .....	13,562	28	379,736	41	155,692	10 60	143,757	11,935	.....
Shelby .....	79,865	15	1,197,975	47	574,048	11 00	878,515	.....	305,467
Stark .....	52,427	26	1,363,102	39	531,610	10 90	571,454	.....	39,844
St. Clair .....	62,459	*8	499,672	50	249,836	15 25	952,500	.....	702,664
Stephenson..	70,163	19	1,333,097	42	559,901	10 00	701,630	.....	141,729
Tazewell....	97,513	21	2,047,773	41	839,587	9 20	897,120	.....	57,533
Union .....	19,682	8	157,456	50	78,728	*10 55	207,645	.....	128,917
Vermilion .	145,391	21	3,053,241	42	1,282,349	9 65	1,403,023	.....	120,674
Wabash .....	18,913	17	321,521	40	128,608	10 95	207,097	.....	78,489
Warren .....	87,245	24	2,093,880	39	816,613	13 05	1,138,547	.....	321,934
Washington .	33,900	6	203,400	52	105,768	9 15	310,185	.....	204,417
Wayne .....	40,674	3	122,622	45	54,910	8 45	343,695	.....	288,785
White .....	38,933	11	428,263	42	179,870	9 95	392,383	.....	212,512
Whiteside. .	95,571	27	2,580,417	38	980,558	10 25	979,603	955	.....
Will .....	114,200	15	1,713,000	45	770,850	11 05	1,261,910	.....	491,060
Williamson..	18,633	12	323,596	50	111,798	9 60	178,877	.....	67,079
Winnebago..	66,324	21	1,392,804	40	557,122	10 05	666,556	.....	109,434
Woodford ...	99,709	25	2,492,725	40	997,090	10 10	1,007,061	.....	9,971
Total or av.	6,719,126	19	129,537,603	\$0 41	\$153,718,691	\$10 45	\$70,250,210	\$1,025,415	\$17,556,934

\*Estimated.

†Estimated same as in 1886.

(1025412)

## WINTER WHEAT.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1887, re- turned by As- sessors.	Acreage 1888 com- pared with 187.	Acreage 1888 crop.	Condition Dec. 1, 1887.	Acreage 1887, re- turned by As- sessors.	Acreage 1888, com. pared with 1887.	Acreage 1888 crop.	Condition Dec. 1, 1887.
Adams	79,586	90	71,627	73	1,267	82	1,039	80
Alexander	*8,278	98	8,112	90	*64	90	58	90
Bond	30,819	112	34,515	91	185	108	200	87
Boone	328	97	318	97	3,256	114	3,712	98
Brown	28,527	84	23,963	86	200	100	200	82
Bureau	1,781	101	1,799	100	6,112	105	6,418	100
Calhoun	18,220	100	18,220	78				
Carroll	1,145	105	1,202	102	9,410	92	8,657	100
Cass	23,869	100	23,969	85	961	100	961	90
Champaign	21,876	117	25,595	100	2,302	100	2,302	100
Christian	63,578	106	67,393	91	428	90	385	92
Clark	24,095	101	24,336	74	779	88	685	77
Clay	6,435	59	3,797	76	263	95	250	92
Clinton	61,254	100	63,254	90	525	100	525	80
Coles	16,191	96	15,543	90	287	87	250	95
Cook	169	90	152	100	1,302	90	1,172	100
Crawford	24,940	96	23,942	77	211	97	205	75
Cumberland	15,861	82	13,006	82	369	95	350	83
DeKalb	346	96	332	94	4,628	105	4,859	104
DeWitt	10,710	105	11,245	93	1,024	87	891	93
Douglas	9,616	93	8,943	100	225	87	186	100
DuPage	215	100	215	100	3,833	110	4,216	100
Edgar	41,706	95	39,621	85	1,069	50	534	65
Edwards	14,521	*77	11,181	60	5	58	3	*73
Effingham	21,639	92	19,908	72	493	63	310	83
Fayette	33,200	108	35,556	75	492	105	517	77
Ford	237	120	284	80	2,195	100	2,195	87
Franklin	12,323	87	10,721	62	63	150	94	75
Fulton	45,658	113	51,593	98	3,785	103	3,896	97
Gallatin	19,919	112	22,309	68	9	50	4	70
Greene	53,599	110	58,959	80	187	*89	166	*85
Grundy	704	*88	619	*89	1,332	*87	1,159	*94
Hamilton	13,041	23	2,999	77	59	87	51	77
Hancock	35,689	115	41,042	93	2,208	82	1,810	100
Hardin	8,198	70	5,739	78	38	85	22	80
Henderson	6,217	78	4,849	87	5,547	95	5,260	87
Henry	602	105	632	90	10,371	112	11,615	100
Iroquois	3,358	150	5,037	81	4,634	90	4,171	79
Jackson	41,416	75	31,062	75	115	*112	129	*83
Jasper	13,974	87	12,157	65	507	94	476	64
Jefferson	17,159	18	3,089	75	229	100	229	110
Jersey	44,120	89	39,269	72	43	75	25	65
JoDaviess	2,593	*101	2,619	100	2,283	100	2,283	100
Johnson	16,966	82	13,912	72	28	88	25	72
Kane	211	100	211	98	5,822	106	6,171	100
Kankakee	1,743	97	9,691	97	6,977	99	6,907	95
Kendall	286	80	229	83	3,540	110	3,894	100
Knox	5,674	117	6,638	98	4,156	98	4,073	98
Lake	672	125	840	110	695	*105	730	110
LaSalle	4,924	88	4,333	97	2,001	79	1,581	99
Lawrence	28,610	80	22,888	77	263	100	263	100
Lee	311	62	193	105	5,562	103	5,729	103



## WINTER WHEAT—Continued.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1887, re- turned by As- sessors.	Acreage 1888, com- pared with 1887.	Acreage 1888 crop.	Condition Dec. 1, 1887.	Acreage 1887, re- turned by As- sessors.	Acreage 1888, com- pared with 1887.	Acreage 1888 crop.	Condition Dec. 1, 1887.
Livingston .....	1,635	72	1,177	80	2,341	62	1,451	82
Logan .....	32,867	103	33,853	80	470	100	470	60
Macon .....	18,681	105	19,615	93	274	*97	260	*90
Macoupin .....	81,096	90	72,986	77	234	80	187	77
Madison .....	112,504	117	131,630	90	182	119	200	100
Marion .....	15,359	87	13,362	84	455	88	400	82
Marshall .....	1,537	90	1,382	77	682	87	593	73
Mason .....	37,840	120	45,408	99	1,573	100	1,573	90
Massac .....	20,131	105	21,137	80	40	90	36	75
McDonough .....	5,084	100	5,084	80	1,112	97	1,079	100
McHenry .....	404	102	412	100	2,096	120	2,515	102
McLean .....	5,506	102	5,716	90	1,992	97	1,932	90
Menard .....	†26,160	88	23,021	79	.....	.....	.....	.....
Mercer .....	1,144	97	1,110	97	5,528	100	5,528	100
Monroe .....	62,046	95	58,943	100	135	95	128	100
Montgomery .....	82,907	102	83,647	79	716	103	737	80
Morgan .....	41,130	103	42,364	85	.....	.....	.....	.....
Moultrie .....	6,435	99	6,371	90	90	97	87	100
Ogle .....	2,227	87	1,937	90	8,061	95	7,658	97
Peoria .....	8,397	125	10,096	88	1,827	75	1,370	88
Perry .....	22,838	62	14,159	80	136	110	150	88
Piatt .....	5,686	110	6,255	92	172	110	189	95
Pike .....	91,186	99	90,274	84	828	100	828	87
Pope .....	12,873	85	10,092	85	93	100	93	92
Pulaski .....	9,250	115	10,637	66	38	*89	34	*76
Putnam .....	648	107	693	103	749	100	749	103
Randolph .....	82,956	92	76,319	77	165	102	168	87
Richland .....	27,232	133	37,548	82	650	50	325	70
Rock Island .....	444	80	355	92	4,860	90	4,374	87
Saline .....	17,536	95	16,659	60	21	100	21	50
Sangamon .....	46,670	102	48,070	95	613	100	613	100
Schuyler .....	33,701	101	34,038	90	578	102	589	95
Scott .....	12,536	100	12,536	97	145	92	133	100
Shelby .....	41,009	109	41,009	81	889	87	773	78
Stark .....	270	83	224	75	1,054	80	843	85
St. Clair .....	120,664	110	132,730	90	223	100	223	100
Stephenson .....	2,961	97	2,872	102	16,091	107	17,117	104
Tazewell .....	31,527	102	32,157	85	720	100	720	80
Union .....	29,001	*94	27,261	75	89	*88	78	*74
Vermilion .....	31,234	117	36,544	100	1,122	107	1,200	97
Wabash .....	23,290	85	19,796	87	9	*69	6	*85
Warren .....	1,712	90	1,541	87	2,328	88	2,049	90
Washington .....	82,332	73	60,102	92	406	97	394	93
Wayne .....	20,409	22	4,489	75	195	25	26	50
White .....	37,598	70	26,319	69	71	150	106	87
Whiteside .....	550	100	550	100	17,335	105	18,202	105
Will .....	2,191	105	2,300	90	5,688	77	4,380	95
Williamson .....	18,544	102	18,915	72	26	87	23	60
Winnebago .....	603	70	422	90	12,623	109	13,759	100
Woodford .....	5,322	104	5,535	80	1,057	66	698	73
Total or average .....	2,314,072	97	2,241,813	86	198,751	99	196,648	88

\*Estimated.

†Estimated same as in 1885.

PASTURES AND SORCHUM.

COUNTIES.	PASTURES.			SORGHUM.				
	Acreage 1887, re- turned by As sessors.	Value per acre for season of 1887.	Total value.	Acreage 1887, re- turned by As sessors.	No. of gallons syrupe per acre.	Total number of gallons produc- ed.	Price per gallon.	Value of product
Adams.....	50,846	\$3 00	\$152,538	254	*90	22,860	\$0 50	\$11,430
Alexander.....	420	*3 90	1,638	†88	125	11,000	40	4,400
Bond.....	29,804	1 65	49,177	96	27	2,592	35	907
Boone.....	51,981	2 65	137,750	.....	.....	.....	.....	.....
Brown.....	26,671	2 15	57,343	104	70	7,280	50	3,640
Bureau.....	119,775	1 15	137,741	17	80	1,360	50	680
Calhoun.....	4,322	5 00	21,610	.....	.....	.....	.....	.....
Carroll.....	76,039	4 00	304,156	40	*118	4,720	50	2,360
Cass.....	24,057	2 75	66,157	33	50	1,650	50	825
Champaign.....	110,156	2 95	324,960	63	50	3,150	45	1,417
Christian.....	74,938	3 05	228,561	29	105	3,045	42	1,279
Clark.....	31,316	1 65	51,671	74	36	2,664	47	1,252
Clay.....	22,619	1 25	28,274	177	37	6,549	45	2,947
Clinton.....	29,973	2 75	81,766	53	*31	1,643	35	575
Coles.....	47,271	2 60	122,905	54	*62	3,348	48	1,607
Cook.....	74,193	5 50	408,061	.....	.....	.....	.....	.....
Crawford.....	25,458	1 95	49,643	125	51	6,375	53	3,379
Cumberland.....	16,384	1 60	26,214	118	82	9,676	46	4,451
DeKalb.....	115,375	3 20	360,190	.....	.....	.....	.....	.....
De Witt.....	55,112	2 85	157,069	7	100	700	43	301
Douglas.....	64,005	4 50	28,802	38	62	2,356	50	1,178
DuPage.....	56,104	2 35	131,844	.....	.....	.....	.....	.....
Edgar.....	109,609	2 75	301,425	45	43	1,935	45	871
Edwards.....	13,070	*2 50	32,675	22	*60	1,320	50	660
Effingham.....	24,271	2 00	48,542	266	32	8,512	43	3,660
Fayette.....	37,404	2 15	80,419	230	25	5,750	50	2,876
Ford.....	45,755	2 75	125,826	35	*61	2,170	50	1,085
Franklin.....	14,489	3 00	43,467	332	40	13,280	50	6,640
Fulton.....	79,470	2 60	206,622	88	87	7,656	58	4,440
Gallatin.....	2,515	2 15	5,910	49	30	1,470	38	559
Greene.....	77,009	2 00	154,018	75	*62	4,650	*44	2,046
Grundy.....	70,913	*3 95	280,106	3	*68	204	*50	102
Hamilton.....	13,386	2 55	34,134	350	66	23,100	47	10,857
Hancock.....	74,007	3 39	244,223	123	110	13,530	42	5,683
Hardin.....	3,983	6 00	23,898	152	30	4,560	40	1,824
Henderson.....	83,983	4 15	348,529	22	50	1,100	50	550
Henry.....	129,747	2 60	337,342	87	100	8,700	46	4,002
Iroquois.....	142,296	3 35	476,692	126	87	10,962	43	4,714
Jackson.....	7,795	5 00	38,975	139	75	10,425	42	4,378
Jasper.....	22,844	2 10	47,872	2,937	62	182,094	45	81,942
Jefferson.....	43,985	2 00	87,970	116	100	11,600	50	5,800
Jersey.....	23,157	5 60	129,679	45	*57	2,565	43	1,103
Jo Daviess.....	97,647	1 00	97,647	20	*134	2,680	50	1,340
Johnson.....	7,286	4 50	32,787	187	27	5,049	45	2,272
Kane.....	111,962	3 40	380,671	.....	.....	.....	.....	.....
Kankakee.....	91,578	3 20	291,050	19	55	1,045	63	658
Kendall.....	48,135	4 35	209,387	1	*69	69	51	35
Knox.....	122,261	2 75	336,218	75	106	7,950	46	3,657
Lake.....	84,902	1 00	84,902	6	*83	498	40	199
LaSalle.....	129,856	3 30	428,528	24	94	2,256	52	1,173
Lawrence.....	23,070	4 00	92,280	104	40	4,160	43	1,789
Lee.....	92,399	3 10	286,437	1	*87	87	*50	43



## PASTURES AND SORGHUM—Continued.

COUNTIES.	PASTURES.			SORGHUM.				
	Acreage 1887, re- turned by As- sessors.	Value per acre for season of 1887.	Total value.	Acreage 1887, re- turned by As- sessors.	No. of gallons syrup per acre.	Total number of gallons produc- ed.	Price per gallon.	Value of product
Livingston.....	109,692	\$5 00	\$548,460	75	55	4,125	\$0 50	\$2,062
Logan.....	54,699	3 00	164,097	8	*90	720	40	288
Macon.....	60,158	3 60	217,569	19	*98	1,862	40	745
Macoupin.....	90,383	2 60	234,996	.....	.....	.....	.....	.....
Madison.....	47,242	1 50	70,863	58	10	580	40	232
Marion.....	44,025	1 85	81,446	251	50	12,550	37	4,643
Marshall.....	56,187	3 35	188,224	10	*57	570	57	325
Mason.....	16,638	4 00	66,552	21	*77	1,617	47	760
Massac.....	4,307	5 00	21,535	151	72	10,872	40	4,349
McDonough.....	17,636	2 15	37,917	9	62	558	40	223
McHenry.....	137,611	2 60	357,789	12	87	1,044	45	470
McLean.....	149,039	2 95	419,665	27	*64	1,728	50	864
Menard.....	†45,645	3 25	148,346	†185	60	11,100	47	5,217
Mercer.....	96,205	2 80	269,374	100	58	5,800	47	2,726
Monroe.....	4,923	*2 55	12,554	36	*42	1,513	35	529
Montgomery.....	85,577	2 35	199,106	89	27	2,403	42	1,009
Morgan.....	112,793	3 35	377,856	.....	.....	.....	.....	.....
Moultrie.....	18,864	2 75	51,476	17	*67	1,139	37	421
Ogle.....	85,431	4 00	341,724	20	12	2,240	40	896
Peoria.....	50,261	3 00	150,783	21	*62	1,302	45	586
Perry.....	9,214	1 25	11,517	36	15	1,260	50	630
Piatt.....	36,383	3 15	114,606	4	*73	292	55	161
Pike.....	66,759	3 50	233,656	81	*65	5,265	50	2,632
Pope.....	9,887	5 00	49,435	343	50	17,150	45	7,717
Pulaski.....	2,601	5 25	13,655	148	42	6,216	40	2,486
Putnam.....	27,482	2 50	68,605	5	75	375	55	206
Randolph.....	17,143	3 00	51,429	280	*48	13,440	40	5,376
Richland.....	37,197	2 50	929,925	137	60	8,220	43	3,525
Rock Island.....	67,214	2 20	147,871	87	75	6,525	50	3,262
Saline.....	8,670	3 50	30,345	356	65	23,140	50	11,570
Sangamon.....	110,714	3 85	426,249	60	*71	4,260	50	2,130
Schuyler.....	43,958	3 50	153,852	171	100	17,100	45	7,695
Scott.....	10,008	3 35	33,795	.....	.....	.....	.....	.....
Shelby.....	67,688	2 00	135,376	92	62	5,704	50	2,852
Stark.....	44,381	3 75	166,429	23	30	690	61	421
St. Clair.....	22,133	*2 20	48,693	73	*39	2,847	*40	1,139
Stephenson.....	67,927	2 85	193,592	6	150	900	50	450
Tazewell.....	52,095	3 50	182,332	17	*68	1,156	40	462
Union.....	8,212	2 00	16,424	140	90	12,600	50	6,300
Vermilion.....	120,371	2 35	382,872	143	*61	8,723	50	4,361
Wabash.....	10,604	2 85	30,221	40	70	2,800	43	1,204
Warren.....	102,462	3 60	368,863	119	70	8,330	47	8,915
Washington.....	26,074	2 10	54,755	165	42	6,930	47	3,257
Wayne.....	36,824	1 25	46,030	184	65	11,960	50	5,980
White.....	29,500	1 85	51,575	132	45	5,940	39	1,317
Whiteside.....	119,016	4 75	565,326	23	*92	2,116	40	846
Will.....	127,592	2 50	318,980	.....	.....	.....	.....	.....
Williamson.....	7,279	2 00	14,558	170	33	5,610	58	3,254
Winnebago.....	69,405	3 65	253,328	14	100	1,400	50	700
Woodford.....	49,021	2 75	134,808	24	30	720	43	310
Total or average.....	5,630,571	\$3 10	\$17,127,126	11.131	60	673,736	\$0 46	\$309,098

\*Estimated.

†Estimated same as in 1886.

## IRISH POTATOES.

COUNTY.	Acreage 1887, re- turned by Asses- sors.	Average yield per acre in bushels.	Total yield in bush.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Adams .....	2,169	55	119,245	\$0 72	\$85,856	\$15 65	\$33,945	\$51,911	.....
Alexander .....	1,194	50	9,700	1 00	9,700	18 35	3,560	6,140	.....
Bond .....	323	47	15,181	82	12,448	19 65	6,347	6,101	.....
Boone .....	789	44	34,716	83	28,814	23 95	18,896	9,918	.....
Brown .....	374	81	30,294	1 00	30,294	17 30	6,470	23,824	.....
Bureau .....	2,087	24	50,088	94	47,083	19 10	39,862	7,221	.....
Calhoun .....	371	37	13,727	67	9,197	21 80	8,088	1,109	.....
Carroll .....	1,059	32	33,888	72	24,399	31 65	33,517	.....	\$9,118
Cass .....	463	20	9,360	1 00	9,360	22 30	10,436	.....	1,076
Champaign .....	2,236	19	42,484	1 00	42,484	20 10	44,944	.....	2,460
Christian .....	982	26	25,532	1 00	25,532	19 15	18,805	6,727	.....
Clark .....	347	30	10,410	1 05	10,930	21 15	7,339	3,591	.....
Clay .....	196	44	8,624	95	8,193	17 40	3,410	4,783	.....
Clinton .....	996	65	64,740	70	45,318	22 20	22,111	23,207	.....
Coles .....	522	20	10,440	1 00	10,440	17 10	8,926	1,514	.....
Cook .....	9,068	75	680,100	80	544,080	17 15	155,516	388,564	.....
Crawford .....	294	30	8,820	1 20	10,584	17 80	5,183	5,401	.....
Cumberland .....	222	33	7,320	96	7,027	14 15	3,141	3,886	.....
DeKalb .....	1,646	50	82,300	97	79,831	23 35	38,434	41,397	.....
DeWitt .....	427	55	23,485	1 05	24,659	15 20	6,490	18,169	.....
Douglas .....	365	12	4,380	1 10	4,818	18 50	6,752	.....	1,934
DuPage .....	3,978	40	159,120	82	130,478	31 85	126,699	3,779	.....
Edgar .....	585	25	14,625	1 20	17,550	15 65	9,155	8,395	.....
Edwards .....	66	*56	3,696	80	2,957	16 50	1,089	1,868	.....
Effingham .....	833	113	94,129	89	83,775	21 90	18,243	65,532	.....
Fayettee .....	769	35	26,915	95	25,569	23 05	17,725	7,844	.....
Ford .....	468	12	5,616	1 10	6,178	19 10	9,139	.....	2,961
Franklin .....	239	67	16,013	80	12,810	16 15	3,860	8,950	.....
Fulton .....	1,544	32	49,408	96	47,432	15 70	24,241	23,191	.....
Gallatin .....	203	18	3,654	83	3,033	19 80	4,019	.....	986
Greene .....	541	20	10,820	80	8,656	17 25	9,332	.....	676
Grundy .....	782	*21	16,422	*92	15,108	18 75	14,662	446	.....
Hamilton .....	208	49	10,192	90	9,173	22 30	4,638	4,535	.....
Hancock .....	1,232	54	66,528	96	63,867	23 60	29,075	34,792	.....
Hardin .....	896	30	26,880	75	20,160	18 45	16,531	3,629	.....
Henderson .....	219	35	7,665	1 10	8,431	18 55	4,062	4,369	.....
Henry .....	1,633	28	45,724	88	40,237	20 70	33,803	6,434	.....
Iroquois .....	2,316	39	90,324	1 03	93,034	25 30	58,595	34,439	.....
Jackson .....	460	25	11,500	67	7,705	23 95	11,017	.....	3,312
Jasper .....	518	31	16,058	1 00	16,058	15 55	8,055	8,003	.....
Jefferson .....	229	50	11,450	92	10,534	17 25	3,950	6,584	.....
Jersey .....	583	47	27,401	91	24,935	20 95	12,214	12,721	.....
JoDaviess .....	1,725	113	194,925	55	107,209	18 70	32,257	74,952	.....
Johnson .....	108	77	8,316	92	7,651	18 25	1,971	5,680	.....
Kane .....	2,002	40	80,080	85	68,068	22 55	45,145	22,923	.....
Kankakee .....	1,274	28	35,672	1 00	35,672	26 00	33,124	2,548	.....
Kendall .....	1,010	25	25,250	83	20,957	21 90	22,119	.....	1,162
Knox .....	1,238	55	68,090	83	56,515	*21 20	26,246	30,269	.....
Lake .....	1,522	20	30,440	1 00	30,440	19 50	29,679	761	.....
LaSalle .....	3,860	22	84,920	91	77,277	21 40	82,604	.....	5,327
Lawrence .....	245	30	7,350	1 15	8,452	18 45	4,520	3,932	.....
Lee .....	1,862	30	55,860	92	51,391	18 35	34,168	17,223	.....



## IRISH POTATOES—Continued.

COUNTIES.	Acreage 1887, re- turned by Asses- sors	Average yield per acre in bushels.	Total yield in bush.	Price per bushel.	Value of crop.	Cost of production per acre.	Total cost of pro- duction.	Profit on crop.	Loss on crop.
Livingston .....	2,551	13	33,163	1 05	34,821	22 45	57,275	.....	22,449
Logan.....	1,296	23	29,808	97	28,914	19 80	25,661	3,253	.....
Macon .....	969	21	20,349	1 05	21,366	20 75	20,107	1,259	.....
Macoupin.....	1,041	51	53,091	97	51,498	19 95	20,768	30,730	.....
Madison .....	10,854	67	727,218	55	399,970	19 30	209,482	190,488	.....
Marion.....	392	49	19,208	86	16,519	15 15	5,939	10,580	.....
Marshall.....	765	25	19,125	95	18,169	22 15	16,945	1,224	.....
Mason .....	304	30	9,120	1 10	10,032	20 30	6,171	3,861	.....
Massac.....	480	35	16,800	80	13,440	13 45	6,456	6,984	.....
McDonough.....	488	58	28,304	77	21,794	22 35	10,907	10,887	.....
McHenry .....	2,025	41	83,025	91	75,553	19 85	40,196	35,357	.....
McLean.....	2,013	26	52,338	1 00	52,338	23 90	48,111	4,227	.....
Menard ...	†600	38	22,800	1 00	22,800	24 00	14,400	8,400	.....
Mercer.....	1,023	42	42,966	66	28,357	20 50	20,971	7,386	.....
Monroe .....	1,548	60	92,880	75	69,660	22 85	35,372	34,288	.....
Montgomery .....	985	57	56,145	1 00	56,145	19 05	18,764	37,381	.....
Morgan .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moultrie .....	150	25	3,750	1 10	4,125	22 00	3,300	825	.....
Ogle.....	1,581	37	58,497	90	52,647	20 75	32,806	19,841	.....
Peoria.....	1,632	35	57,120	94	53,693	26 45	43,166	10,527	.....
Perry.....	256	62	15,872	65	10,317	22 80	5,837	4,480	.....
Piatt.....	536	30	16,080	1 00	16,080	17 25	9,246	6,834	.....
Pike .....	924	45	41,580	91	37,838	*18 50	17,094	20,744	.....
Pope.....	153	65	74,945	72	53,960	24 30	28,018	25,942	.....
Pulaski ...	818	18	14,724	1 00	14,724	19 40	15,869	.....	1,145
Putnam.....	396	35	13,860	1 00	13,860	19 75	7,830	6,030	.....
Randolph.....	940	100	94,000	67	62,980	36 65	32,451	30,529	.....
Richland.....	2,525	65	34,125	90	30,712	18 90	9,922	20,790	.....
Rock Island.....	853	55	156,915	64	100,426	22 70	64,763	35,663	.....
Saline .....	1,184	30	5,520	90	4,968	16 80	3,091	1,877	.....
Sangamon .....	1,676	24	40,224	92	37,006	23 80	39,889	.....	2,883
Schuyler.....	542	35	18,970	1 15	21,815	21 55	11,680	10,135	.....
Scott.....	117	87	10,179	95	9,670	20 55	2,404	7,266	.....
Shelby .....	1,080	20	21,600	1 10	23,760	18 35	19,818	3,942	.....
Stark.....	614	40	24,560	89	21,858	20 90	12,833	9,025	.....
St. Clair .....	7,556	40	303,240	75	226,680	25 95	196,078	30,602	.....
Stephenson.....	1,832	66	120,912	50	60,456	22 30	40,854	19,602	.....
Tazewell.....	1,137	35	39,795	1 00	39,795	24 00	27,288	12,507	.....
Union.....	363	75	27,225	1 00	27,225	*19 90	7,224	20,001	.....
Vermilion .....	2,371	27	64,017	1 00	64,017	21 35	50,621	13,396	.....
Wabash.....	177	48	8,496	1 05	8,921	17 25	3,053	5,868	.....
Warren ...	753	30	22,590	92	20,783	23 10	17,394	3,389	.....
Washington .....	1,044	62	64,728	66	42,720	19 60	20,562	22,158	.....
Wayne.....	254	55	13,970	1 00	13,970	19 40	4,928	9,042	.....
White.....	136	31	4,216	91	3,836	20 65	2,808	1,028	.....
Whiteside....	1,935	43	83,205	95	79,045	23 00	44,505	34,540	.....
Will.....	3,376	15	50,640	83	41,031	20 75	70,052	.....	28,021
Williamson.....	141	39	5,499	84	4,619	19 50	2,749	1,870	.....
Winnebago.....	1,467	31	45,477	80	36,382	19 90	29,193	7,189	.....
Woodford .....	1,032	19	19,608	95	18,628	19 85	20,485	.....	1,857
Total or average .	125,168	44	5,471,356	\$0 80	\$4,363,282	\$21 32	\$2,669,440	\$1,779,209	\$85,367

\* Estimated.

† Estimated same as in 1886.

SWEET POTATOES, TURNIPS, ETC.

COUNTIES.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TUR- NIPS.
	Acreege 1887, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Value of 1886 crop returned by As- sessors.	Value of 1887 crop compared with 1886.	Value of 1887 crop	Average yield per acre in bushels.
Adams.....	79	120	9,480	\$1 20	\$11,376	\$2,154	35	\$754	100
Alexander.....	14	25	350	50	175	.....	.....	.....	.....
Bond.....	6	40	240	1 20	288	20	56	11	80
Boone.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brown.....	44	90	3,960	1 15	4,554	118	200	376	62
Bureau.....	1	*82	82	1 25	102	61	87	53	60
Calhoun.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carroll.....	2	100	200	1 25	250	4	87	3	50
Cass.....	239	62	14,818	1 00	14,818	777	*84	653	*61
Champaign.....	6	42	252	1 80	454	1,400	88	1,232	25
Christian.....	7	50	350	1 55	542	12	41	5	36
Clark.....	.....	.....	.....	.....	.....	365	102	372	55
Clay.....	8	55	440	1 00	440	2,076	92	1,910	30
Clinton.....	4	100	400	90	360	536	80	429	*61
Coles.....	2	75	150	1 20	180	408	77	314	50
Cook.....	.....	.....	.....	.....	.....	2,543	75	1,907	*61
Crawford.....	13	37	481	1 35	649	1,218	53	645	37
Cumberland.....	7	60	420	1 25	525	271	131	335	90
DeKalb.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DeWitt.....	50	47	2,350	1 25	2,937	80	70	56	40
Douglas.....	4	42	168	1 20	202	444	125	555	100
DuPage.....	.....	.....	.....	.....	.....	40	70	28	20
Edgar.....	63	52	3,276	1 15	3,767	1,136	55	625	92
Edwards.....	4	*58	232	1 00	232	6	50	3	*61
Effingham.....	39	110	4,290	1 30	5,577	594	115	921	75
Fayette.....	9	25	225	1 10	247	1,071	107	1,146	10
Ford.....	1	*44	44	*1 40	62	200	10	20	*61
Franklin.....	33	50	1,650	1 00	1,650	2,020	67	1,353	25
Fulton.....	1	40	40	1 10	44	1,415	65	920	40
Gallatin.....	3	82	246	87	214	1,034	35	362	30
Greene.....	9	*56	504	*1 15	580	520,191	10	52,019	*61
Grundy.....	.....	.....	.....	.....	.....	200	*43	86	*61
Hamilton.....	29	37	1,073	87	933	417	24	100	44
Hancock.....	5	150	750	1 00	750	7,007	89	6,236	*61
Hardin.....	.....	.....	.....	.....	.....	815	125	1,019	75
Henderson.....	11	70	770	1 35	1,039	110	*62	68	*61
Henry.....	1	100	100	1 25	125	165	102	168	100
Iroquois.....	3	70	210	1 50	315	638	32	204	50
Jackson.....	88	75	6,600	1 00	6,600	3,990	40	1,596	50
Jasper.....	20	81	1,620	1 10	1,782	1,179	104	1,226	58
Jefferson.....	26	75	1,950	73	1,423	2,269	70	1,588	*61
Jersey.....	36	64	2,304	1 05	2,419	495	80	396	*61
JoDavieess.....	1	*100	100	* 85	85	375	100	375	100
Johnson.....	40	40	1,600	67	1,072	1,105	75	829	100
Kane.....	.....	.....	.....	.....	.....	150	50	75	10
Kankakee.....	1	*50	50	*1 40	70	50	25	12	30
Kendall.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Knox.....	2	80	160	1 10	176	.....	.....	.....	.....
Lake.....	2	*100	200	*1 50	300	2,562	*87	2,229	*61
LaSalle.....	7	45	315	1 30	409	131,826	58	76,459	55
Lawrence.....	10	80	800	1 00	800	545	93	507	62
Lee.....	10	80	800	1 10	880	80	75	60	100



## SWEET POTATOES, TURNIPS, ETC.—Continued.

COUNTIES.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TUR- NIPS.
	Acreage 1887, re- turned by As- sessors.	Yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Value of 1886 crop returned by As- sessors.	Value of 1887 crop compared with 1886.	Value of 1887 crop	Average yield per acre in bushels.
Livingston .....	5	30	150	\$1 60	\$240	\$19,652	60	\$11,791	75
Logan .....	21	50	1,050	1 25	1,312	76	67	51	29
Macon .....	12	81	972	1 15	1,118	1,065	81	863	87
Macoupin .....	2	67	134	1 35	181	3,237	35	1,133	40
Madison .....	49	75	3,675	1 00	3,675	4,516	37	1,671	10
Marion .....	29	103	2,987	1 00	2,987	790	62	490	125
Marshall .....						10	50	5	120
Mason .....	85	*61	5,185	*1 10	5,703	528	*85	449	*61
Massac .....	26	30	780	80	624	597	87	519	35
McDonough .....						601	75	451	27
McHenry .....						1,575	100	1,575	117
McLean .....	3	50	150	1 25	187	406	27	110	*61
Menard .....	†50	77	3,850	1 00	3,850				
Mercer .....	8	*78	624	1 05	655	33	93	31	*61
Monroe .....						165	*62	102	*61
Montgomery .....	2	117	234	1 70	398	371	101	375	53
Morgan .....									
Moultrie .....	1	107	107	1 60	171	248	65	161	55
Ogle .....	14	42	588	1 50	882	607	92	559	105
Peoria .....	2	125	250	1 35	337	1,883	94	1,770	115
Perry .....	7	55	385	85	327				
Piatt .....						3	100	3	*61
Pike .....	5	*76	380	1 00	380	835	45	376	*61
Pope .....	17	75	1,275	75	956	2,368	62	1,468	62
Pulaski .....	564	49	27,636	62	17,134	2,777	112	3,110	23
Putnam .....									
Randolph .....	37	90	3,330	90	2,997	4,442	50	2,221	*61
Richland .....	10	40	400	80	320	72	135	97	100
Rock Island .....	6	60	360	1 25	450	485	82	446	100
Saline .....	24	40	960	1 00	960	5,294	70	3,706	*61
Sangamon .....	12	50	600	*1 25	750	4,290	50	2,145	27
Schuyler .....	1	35	35	1 40	43	403	108	435	50
Scott .....									
Shelby .....	1	87	87	1 20	104	133	80	106	50
Stark .....	1	35	35	1 75	61	40	82	33	*61
St. Clair .....	18	40	720	1 00	720	1,034	50	517	*61
Stephenson .....						115	94	108	75
Tazewell .....	198	105	20,790	87	18,087	1,315	72	947	40
Union .....	533	80	42,640	1 00	42,640	8,440	80	6,752	125
Vermilion .....	6	*55	330	75	247	896	100	896	*61
Wabash .....	7	83	581	93	540	202	123	248	53
Warren .....	1	80	80	1 60	128	56	82	46	50
Washington .....	52	71	3,692	43	1,587	1,081	87	940	40
Wayne .....	2	50	100	1 00	100	782	32	250	75
White .....	20	60	1,200	1 00	1,200	480	30	144	32
Whiteside .....	5	*70	350	1 25	437	64	85	54	*61
Will .....						1,750	60	1,050	50
Williamson .....	96	57	5,472	65	3,557	779	70	545	67
Winnebago .....	8	*42	336	*1 75	588	1,157	82	949	100
Woodford .....	1	34	34	1 25	42	1,098	45	494	*61
Total or average .....	2,881	68	196,594	\$0 95	\$186,084	\$770,993	27	\$210,432	61

\*Estimated.

†Estimated same as in 1885.

## BUCKWHEAT AND BROOM-CORN.

COUNTIES.	BUCKWHEAT.					BROOM-CORN				
	Acreage 1887, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Acreage 1887, re- turned by As- sessors.	Average yield per acre in tons.	Total yield in tons	Price per ton.	Value of crop.
Adams.....	77	*12	924	*\$0 67	\$619	17	*1½	8	*\$66	\$528
Alexander.....										
Bond.....	19	*12	228	* 67	153	3	*1½	1	*66	66
Boone.....	146	11	1,606	76	1,220	183	*1½	91	75	6,825
Brown.....										
Bureau.....	4	17	68	1 00	68					
Calhoun.....										
Carroll.....	26	20	520	70	364	3	*1½	1	*66	66
Cass.....										
Champaign.....	6	10	60	1 00	60	448	1-5	90	*66	5,940
Christian.....	6	*12	72	* 67	48	29	*1½	14	75	1,050
Clark.....	34	8	272	76	207	195	¼	49	*66	3,234
Clay.....	61	4	244	60	146	100	*1½	50	*66	3,300
Clinton.....	6	*12	72	* 67	48					
Coles.....	3	*12	36	50	18	11,334	⅓	3,778	70	264,460
Cook.....	11	12	132	90	119					
Crawford.....	4	9	36	73	26					
Cumberland.....	99	12	1,188	61	725	786	⅓	262	68	17,816
DeKalb.....	310	12	3,720	75	2,790					
DeWitt.....	4	*12	48	* 67	32	8	*1½	4	*66	264
Douglas.....	5	*12	60	* 67	40	10,334	½	5,167	68	351,156
DuPage.....	13	20	260	* 67	174					
Edgar.....	15	14	210	* 67	141	2,079	¼	520	62	32,240
Edwards.....	5	*12	60	* 67	40					
Effingham.....	363	4	1,452	50	726	5	½	2	*66	132
Fayette.....	31	20	620	* 67	415	7	*1½	3	25	75
Ford.....	7	*12	84	* 67	56					
Franklin.....	3	*12	36	* 67	24	17	*1½	8	*66	528
Fulton.....	15	*12	180	* 67	121	3	*1½	1	*66	66
Gallatin.....	1	*12	12	* 67	8					
Greene.....	2	*12	24	* 67	16					
Grundy.....	14	*12	148	* 67	99	8	*1½	4	*66	264
Hamilton.....	7	*12	84	* 60	50	9	*1½	4	*66	264
Hancock.....	14	5	70	* 67	47	4	*1½	2	*66	132
Hardin.....										
Henderson.....										
Henry.....	36	15	540	70	378	3,844	½	1,922	73	140,306
Iroquois.....	141	20	2,820	* 67	1,889	16	*1½	8	*66	528
Jackson.....	21	*12	252	50	126	1	*1½			
Jasper.....	85	*12	1,020	* 67	683	785	¼	196	78	15,288
Jefferson.....										
Jersey.....						10	*1½	5	*66	330
JoDaviess.....	84	10	840	80	672	12	*1½	6	*66	396
Johnson.....						5	*1½	2	*66	132
Kane.....	69	18	1,242	62	770					
Kankakee.....	202	7	1,414	70	990	9	*1½	4	*66	264
Kendall.....	11	20	220	80	176					
Knox.....	4	25	100	* 67	67	1,262	⅓	421	67	28,207
Lake.....	95	*12	1,140	* 67	764	2	*1½	1	*66	66
LaSalle.....	8	10	80	1 00	80					
Lawrence.....	15	12	180	50	90	55	*1½	27	*66	1,782
Lee.....	24	10	240	59	120	4	*1½	2	*66	132



## BUCKWHEAT AND BROOM-CORN—Continued.

COUNTIES.	BUCKWHEAT.					BROOM-CORN.				
	Acreage 1887, returned by Assessors.	Average yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Acreage 1887, returned by Assessors.	Average yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.
Livingston..						40	$\frac{1}{2}$	20	\$70	\$1,400
Logan .....						58	$\frac{1}{2}$	29	*66	1,914
Macon .....	2	*12	24	*67	\$16	3	$\frac{1}{2}$	1	*66	66
Macoupin .....	3	9	27	62	17	13	$\frac{1}{2}$	6	*66	396
Madison .....	39	*12	468	*67	313	5	$\frac{1}{2}$	2	*66	132
Marion .....	75	10	750	50	370	24	$\frac{1}{2}$	12	*66	792
Marshall.....										
Mason .....						35	$\frac{1}{2}$	17	*66	1,122
Massac.....										
McDonough ...	2	12	24	*67	16					
McHenry .....	179	13	2,327	60	1,396					
McLean .....	3	*12	36	*67	24	8	$\frac{1}{2}$	4	*66	264
Menard .....										
Mercer .....	8	*12	96	*67	64	153	$\frac{1}{4}$	38	*66	2,508
Monroe .....	1	*12	12	*67	8					
Montgomery .....	4	*12	48	*67	32	101	$\frac{1}{2}$	50	65	3,250
Morgan .....										
Moultrie .....						1,570	$\frac{1}{3}$	523	75	39,225
Ogle .....	28	16	448	40	179	10	$\frac{1}{2}$	5	*66	330
Peoria .....	2	*12	24	*67	16	33	$\frac{1}{2}$	16	*66	1,056
Perry .....	5	*12	60	*67	40	10	$\frac{1}{2}$	5	*66	330
Piatt .....	1	*12	12	90	11	709	$\frac{1}{2}$	354	*66	23,364
Pike .....	42	*12	504	*67	338	38	$\frac{1}{2}$	19	65	1,235
Pope .....										
Pulaski .....										
Putnam .....										
Randolph .....	40	*12	480	*67	322	23	$\frac{1}{2}$	11	80	880
Richland .....	118	7	826	45	372	32	$\frac{1}{2}$	16	*66	1,056
Rock Island .....						5	$\frac{1}{2}$	2	*66	132
Saline .....	1	*12	12	*67	8	8	$\frac{1}{2}$	4	*66	264
Sangamon .....	4	*12	48	*67	32	44	$\frac{1}{2}$	22	*66	1,452
Schuyler .....						40	$\frac{1}{2}$	20	*66	1,320
Scott .....										
Shelby .....	20	*12	240	75	180	41	$\frac{1}{2}$	20	*66	1,320
Stark .....	2	10	20	1 00	20	14	$\frac{1}{2}$	7	*66	462
St. Clair..	12	*12	144	*67	96	3	$\frac{1}{2}$	1	*66	66
Stephenson .....	37	20	740	67	496	10	$\frac{1}{2}$	5	*66	330
Tazewell.....						3	$\frac{1}{2}$	1	*66	66
Union .....	10	*12	120	*67	80	7	$\frac{1}{2}$	3	*66	198
Vermilion .....	8	*12	96	*67	64	93	$\frac{1}{2}$	46	*66	3,036
Wabash .....	7	15	105	50	52					
Warren .....	8	*12	96	*67	64	84	$\frac{1}{2}$	42	65	2,730
Washington .....	15	*12	180	60	108					
Wayne .....	71	10	710	50	355	9	$\frac{1}{3}$	4	35	140
White .....	1	2	2	65	1	15	$\frac{1}{2}$	7	75	525
Whiteside .....	128	*12	1,536	*67	1,029	1	$\frac{1}{2}$			
Will .....	23	10	230	85	195	64	$\frac{1}{2}$	32	*66	2,112
Williamson .....						109	$\frac{1}{2}$	54	*66	3,564
Winnebago .....	31	15	465	40	186	30	$\frac{1}{2}$	15	*66	990
Woodford.....	15	4	60	45	27					
Total or average.....	3,051	11	33,584	\$0 65	\$21,832	35,022	$\frac{1}{2}$	14,066	\$69	\$973,864

\*Estimated.





## TOBACCO AND CASTOR BEANS—Continued.

COUNTIES.	TOBACCO.					CASTOR BEANS.				
	Acreage 1887, re- turned by As- sessors.	Average yield per acre in pounds.	Total yield in pounds.	Price per pound.	Value of crop.	Acreage 1887, re- turned by As- sessors.	Average yield per acre in bushels.	Total yield per bushels.	Price per bushel.	Value of crop.
Livingston.....	2	*556	1,112	*\$0 07	\$78					
Logan.....										
Macon.....										
Macoupin.....	2	*556	1,112	* 07	78	80	*7	560	*\$1 00	\$560
Madison.....						304	*7	1,428	1 05	1,499
Marion.....	26	*556	14,456	10	1,446	362	*7	2,534	80	2,027
Marshall.....										
Mason.....										
Massac.....	109	*556	60,604	* 07	4,242					
McDonough.....										
McHenry.....	10	*556	5,560	* 07	389					
McLean.....										
Menard.....										
Mercer.....						1	*7	7	* 1 00	7
Monroe.....	1	*556	556	* 07	39					
Montgomery.....						20	*7	140	* 1 00	140
Morgan.....										
Moultrie.....										
Ogle.....										
Peoria.....										
Perry.....	2	500	1,000	10	100	570	6	3,420	85	2,907
Piatt.....										
Pike.....	10	*556	5,560	* 07	389					
Pope.....	12	750	9,000	04	360					
Pulaski.....	134	483	64,722	05	3,236	120	8	960	1 10	1,056
Putnam.....										
Randolph.....	3	*556	1,668	* 07	117	627	*7	4,389	1 00	3,389
Richland.....	3	*556	1,668	* 07	117					
Rock Island.....										
Saline.....	803	600	481,800	04	19,272	84	*7	588	* 1 00	558
Sangamon.....										
Schuyler.....	2	*556	1,112	* 07	78					
Scott.....										
Shelby.....										
Stark.....										
St. Clair.....						181	*7	1,267	* 1 00	1,267
Stephenson.....	111	500	55,500	09	4,995					
Tazewell.....										
Union.....	6	*556	3,336	* 07	233	6	*7	42	* 1 00	42
Vermilion.....	2	*556	1,112	* 07	78					
Wabash.....										
Warren.....										
Washington.....						2,172	8	17,376	1 00	17,376
Wayne.....	7	800	5,700	07	392	296	10	2,960	1 50	4,440
White.....	57	*556	31,692	* 07	2,218	42	*7	294	1 05	309
Whiteside.....	10	*556	5,590	* 07	389					
Will.....										
Williamson.....	262	412	107,944	04	4,318	92	8	736	1 00	736
Winnebago.....	24	*556	13,344	* 07	934					
Woodford.....										
Total or average.	2,705	544	1,471,528	\$0 05	\$76,538	14.978	7	95,721	\$1 00	\$95,596

\*Estimated.

†Estimated same as in 1886.

BEANS, HUNGARIAN AND MILLET SEED.

COUNTIES.	BEANS.					HUNGARIAN AND MILLET.				
	Acreage 1887, ret'ned by Assessors.	Average yield per acre in bushels.	Total yield in bushels	Price per bushel.	Value of crop.	Bushels produced in 1886, returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of crop.
Adams.....	11	*14	154	*\$2 50	\$385					
Alexander.....										
Bond.....	10	10	100	2 50	250					
Boone.....	13	11	143	1 40	200	25	72	18	*\$0 70	\$13
Brown.....	38	20	760	2 65	2,014					
Bureau.....	6	*14	84	2 00	168					
Calhoun.....										
Carroll.....	1	*14	14	2 25	31					
Cass.....										
Champaign.....	4	*14	56	2 50	140	1,282	67	859	85	730
Christian.....	1	*14	14	2 40	34	182	60	109	* 70	76
Clark.....	40	8	320	2 75	880					
Clay.....	31	3	93	2 25	209	51	45	23	75	17
Clinton.....										
Coles.....	23	*14	322	2 15	693	75	45	34	77	26
Cook.....	4	18	72	2 25	162	4,124	92	3,794	70	2,656
Crawford.....	6	5	30	2 80	84	361	*66	238	* 70	167
Cumberland.....	42	7	294	2 55	750					
DeKalb.....	6	15	90	2 25	202	7	50	3	70	2
DeWitt.....						577	82	473	50	236
Douglas.....	1	10	10	2 50	25	1,201	62	745	68	507
DuPage.....	6	12	72	* 1 80	130	165	40	66	65	43
Edgar.....	30	*14	420	2 25	945	26	28	7	62	4
Edwards.....						1,088	*66	718	* 70	503
Effingham.....	244	*14	3,416	2 35	8,028	3	*66	2	* 70	1
Fayette.....	9	*14	126	3 00	378					
Ford.....	20	*14	280	* 2 05	574	312	27	84	40	34
Franklin.....	11	*14	154	* 2 10	323					
Fulton.....	5	18	90	2 00	180	65	*66	43	* 70	30
Gallatin.....						40	*66	26	* 70	18
Greene.....	6	*14	84	* 2 25	189	16	*66	10	* 70	7
Grundy.....	2	*14	28	* 1 80	50	335	*66	221	* 70	155
Hamilton.....	8	8	64	2 50	160	129	*66	85	62	53
Hancock.....	7	*14	98	* 2 05	201	260	*66	172	* 70	120
Hardin.....	7	10	70	2 25	157					
Henderson.....										
Henry.....	4	*14	56	2 50	140	163	65	106	1 15	122
Iroquois.....	5	*14	70	2 05	143	11,275	40	4,510	50	2,255
Jackson.....	9	*14	126	2 50	315	5	*66	3	* 70	2
Jasper.....	55	13	715	2 85	2,038	35	22	8	67	5
Jefferson.....	75	*14	1,050	1 50	1,577	521	100	521	65	339
Jersey.....	15	*14	210	2 50	525					
JoDavies.....	10	*14	140	2 25	315					
Johnson.....	6	*14	84	3 00	252					
Kane.....	8	11	88	1 85	163	75	52	39	50	19
Kankakee.....	5	*14	70	2 10	147	5,144	25	1,286	40	514
Kendall.....	1	*14	14	1 50	21	616	50	308	45	139
Knox.....	4	30	120	2 50	300	112	45	50	1 10	55
Lake.....	26	*14	364	1 50	546	899	*66	593	* 70	415
LaSalle.....	1	30	30	2 35	70	820	45	369	50	184
Lawrence.....	75	7	525	2 50	1,312	3	*66	2	* 70	1
Lee.....	6	35	210	1 25	262	296	100	296	* 70	207



## BEANS, HUNGARIAN AND MILLET SEED—Continued.

COUNTIES.	BEANS.					HUNGARIAN AND MILLET.				
	Acreage 1887, ret'ned by Assessors.	Average yield per acre in bushels.	Total yield in bushels	Price per bushel.	Value of crop.	Bushels produced in 1886, returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of crop.
Livingston . . . . .	7	*14	98	\$1 50	\$147	6,448	62	3,998	\$0 75	\$2,998
Logan . . . . .										
Macon . . . . .	1	*14	14	* 2 45	34	172	100	172	* 70	120
Macoupin . . . . .	1	30	30	2 75	82					
Madison . . . . .	8	*14	112	* 2 65	297	114	*66	75	* 70	52
Marion . . . . .	128	*14	1,792	2 05	3,674	4,145	60	2,487	65	1,616
Marshall . . . . .						200	65	130	* 70	91
Mason . . . . .	1	*14	14	* 2 45	34	60	*66	40	* 70	28
Massac . . . . .										
McDonough . . . . .	6	*14	84	1 25	105	200	100	200	* 70	140
McHenry . . . . .	2	15	30	1 60	48	579	100	579	65	376
McLean . . . . .	2	*14	28	* 2 15	60	342	*66	226	* 70	158
Menard . . . . .										
Mercer . . . . .						86	50	43	75	32
Monroe . . . . .	1	*14	14	* 2 25	31					
Montgomery . . . . .	2	*14	28	2 75	77	4	75	3	* 70	2
Morgan . . . . .										
Moultrie . . . . .						752	73	549	63	346
Ogle . . . . .	10	*14	140	2 00	280	195	100	195	* 70	136
Peoria . . . . .	1	*14	14	2 50	35	24	62	15	* 70	10
Perry . . . . .	14	*14	196	2 50	490					
Piatt . . . . .						303	*66	200	* 70	140
Pike . . . . .	15	*14	210	* 2 25	472	180	*66	119	* 70	83
Pope . . . . .	3	11	33	1 75	58					
Pulaski . . . . .	192	*14	2,688	1 75	4,704					
Putnam . . . . .										
Randolph . . . . .	85	*14	1,190	1 75	2,082	14	100	14	80	11
Richland . . . . .	33	8	264	1 75	462	13	80	10	* 70	7
Rock Island . . . . .	3	20	60	* 2 50	150	13	82	11	* 70	8
Saline . . . . .	5	*14	70	2 10	147	57	*66	38	* 70	27
Sangamon . . . . .	4	*14	56	* 2 65	148					
Schuyler . . . . .						88	*66	58	* 70	41
Scott . . . . .										
Shelby . . . . .	7	*14	98	2 65	261	140	25	35	1 00	35
Stark . . . . .	1	*14	14	* 2 35	33					
St. Clair . . . . .	80	*14	1,120	* 2 55	2,856					
Stephenson . . . . .	3	*14	42	1 90	80	95	87	83	* 70	58
Tazewell . . . . .						136	*66	90	* 70	63
Union . . . . .	2	*14	28	* 2 30	64	10	*66	7	60	4
Vermilion . . . . .	34	*14	476	* 2 20	1,047	2,587	87	2,251	* 70	1,576
Wabash . . . . .	1	15	15	2 25	34	16	*66	10	* 70	7
Warren . . . . .										
Washington . . . . .	125	12	1,500	2 75	4,125	43	67	29	75	22
Wayne . . . . .	11	5	55	2 50	137					
White . . . . .	224	5	1,120	1 50	1,680					
Whiteside . . . . .	2	*14	28	2 50	70	142	50	71	* 70	50
Will . . . . .	2	10	20	1 55	31	14,662	75	10,996	65	7,147
Williamson . . . . .										
Winnebago . . . . .	10	*14	140	2 00	280	319	150	478	* 70	335
Woodford . . . . .						52	30	16	* 70	11
Total or average . . .	1,923	12	23,151	\$2 15	\$49,983	62,479	62	39,049	\$0 65	\$25,385

\*Estimated.

TIMOTHY AND CLOVER SEED.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels produced in 1886, returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of product.	Bushels produced in 1886, returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of product.
Adams .....	1,266	75	949	\$2 15	\$2,040	2,888	115	3,321	\$4 15	\$13,782
Alexander .....						+126	200	252	4 00	1,008
Bond .....	553	85	470	2 50	1,175	532	73	588	4 70	1,824
Boone .....	2,288	30	686	2 30	1,570	2,718	35	951	4 55	4,327
Brown .....	1,161	92	1,68	2 50	2,679	747	129	964	4 20	4,049
Bureau .....	8,513	40	3,405	2 35	8,002	1,059	53	561	5 00	2,805
Calhoun .....						1,026	65	667	4 50	3,001
Carroll .....	1,173	20	235	2 35	552	1,972	22	434	5 50	2,397
Cass .....	57	75	43	2 25	97	67	55	37	4 50	166
Champaign .....	3,673	54	1,983	2 65	5,235	2,717	49	1,331	4 70	6,256
Christian .....	2,697	43	1,147	2 30	2,638	541	55	297	4 60	1,366
Clark .....	650	84	546	2 55	1,392	3,856	68	2,622	4 45	11,668
Clay .....	1,548	96	1,476	2 40	3,542	557	83	462	4 65	2,148
Clinton .....	37	75	28	2 25	63	1,457	105	1,530	4 30	6,579
Coles .....	490	64	314	2 35	738	2,356	71	1,673	4 45	7,445
Cook .....	322	75	241	2 10	506					
Crawford .....	201	65	131	2 25	295	2,431	47	1,142	3 95	4,511
Cumberland .....	820	75	615	2 05	1,261	253	89	225	4 70	1,057
DeKalb .....	12,886	49	6,314	2 20	13,891	2,025	55	1,114	4 85	5,403
DeWitt .....	985	60	591	2 90	1,714	972	87	846	4 75	4,018
Douglas .....	4 129	61	2,519	2 25	3,668	1,906	47	896	4 10	3,674
DuPage .....	588	20	118	2 25	265	129	10	13	4 50	58
Edgar .....	2,464	55	1,355	2 00	2,710	1,395	61	851	4 75	3,642
Edwards .....	544	50	272	2 50	680	3,479	75	2,609	3 75	9,784
Effingham .....	976	97	947	2 50	2,367	112	87	97	4 00	388
Fayette .....	591	77	455	2 40	1,082	1,072	30	322	4 65	1,497
Ford .....	2,622	67	2,427	2 00	4,854	377	20	75	4 50	337
Franklin .....	73	50	36	3 30	119	2,433	43	1,046	4 00	4,184
Fulton .....	3,809	57	2,171	2 45	5,319	15,913	105	16,709	3 80	63,494
Gallatin .....	20	*110	22	2 50	55	3,104	100	3,104	4 15	12,882
Greene .....	936	*73	683	* 2 45	1,673	1,216	25	304	* 4 45	1,322
Grundy .....	2,355	*40	442	* 2 15	2,025	137	*59	81	* 4 50	364
Hamilton .....	97	95	92	2 65	244	2,368	75	1,776	4 20	7,459
Hancock .....	1,637	65	1,064	2 30	2,447	560	132	739	4 10	3,030
Hardin .....						138	100	138	3 30	455
Henderson .....	477	55	262	2 30	603	84	80	67	5 25	352
Henry .....	2,848	32	911	2 55	2,323	3,323	36	1,080	5 24	5,778
Iroquois .....	6,437	52	3,347	2 15	7,196	605	95	575	4 30	2,472
Jackson .....	19	*62	12	2 00	24	3,112	40	1,245	4 00	4,980
Jasper .....	2,705	77	2,083	2 39	4,791	765	75	274	5 15	2,956
Jefferson .....	297	110	327	2 60	850	325	82	266	4 00	1,064
Jersey .....	469	87	408	2 60	1,061	2,617	89	2,329	4 35	10,131
Jo Daviess .....	1,961	50	980	2 75	1,695	1,771	50	885	1 50	3,982
Johnson .....						3,878	91	3,529	3 75	13,234
Kane .....	3,716	25	929	2 10	1,951	92	47	43	4 29	181
Kankakee .....	5,858	41	2,402	2 35	5,645	594	65	386	4 50	1,737
Kendall .....	7,089	25	1,772	2 20	3,898	1,569	30	471	4 00	1,884
Knox .....	4,225	38	1,605	2 70	4,333	4,076	78	3,179	4 40	13,988
Lake .....	1,184	*65	770	2 75	2,117	1,202	42	505	2 00	2,525
LaSalle .....	14,848	54	8,018	2 20	17,640	1,499	62	959	4 60	4,411
Lawrence .....	1,812	83	1,587	2 35	3,729	8,250	90	7,425	3 50	25,987
Lee .....	32,936	56	18,444	1 95	34,121	2,788	70	1,952	4 75	9,272



## TIMOTHY AND CLOVER SEED—Continued.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels produced in 1886, returned by Assessors.	Bushels produced in 1887, compared with 1886	Bushels produced in 1887.	Price per bushel.	Value of product.	Bushels produced in 1886, returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of product.
Livingston .....	9,064	42	3,807	\$2 25	\$8,566	2,222	77	1,711	\$4 50	\$7,699
Logan .....	1,262	32	403	2 50	1,007	741	42	311	5 00	1,555
Macon .....	1,411	42	593	2 85	1,690	2,238	62	1,387	4 85	6,727
Macoupin .....	1,491	72	1,073	2 05	2,200	6,694	147	9,840	4 70	46,248
Madison .....	136	75	102	2 75	280	3,834	103	3,939	4 00	15,756
Marion .....	14,360	95	13,642	2 55	34,787	30	75	22	4 50	99
Marshall .....	973	70	681	2 10	1,430	956	82	688	4 10	2,821
Mason .....	36	*72	26 *	2 55	66	7	59	3	6 00	18
Massac .....	11	100	11 *	1 95	21	7,033	47	3,305	4 50	14,872
McDonough ...	1,880	58	1,090	3 10	3,379	1,246	92	1,146	4 00	4,584
McHenry .....	3,742	56	2,095	2 00	4,190	2,952	35	1,033	4 00	4,132
McLean .....	6,913	38	2,627	2 45	6,436	8,594	59	3,890	4 45	17,310
Menard .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mercer .....	1,827	37	676	2 60	1,758	477	50	238	5 00	1,190
Monroe .....	.....	.....	.....	.....	.....	3,404	25	851	2 00	1,702
Montgomery ..	3,880	80	3,104	2 15	6,664	943	62	585	4 35	2,545
Morgan .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moultrie .....	247	55	136	2 50	340	1,143	77	880	4 50	3,960
Ogle .....	1,337	38	508	2 75	1,397	3,347	38	2,032	5 00	10,160
Peoria .....	1,554	24	373	2 45	914	4,170	104	4,337	4 30	18,649
Perry .....	48	75	36	2 40	86	1,048	63	660	3 66	2,409
Piatt .....	777	67	540	2 10	1,092	2,190	97	2,124	4 00	8,496
Pike .....	1,781	77	1,371	2 80	3,839	2,085	194	4,045	3 85	15,573
Pope .....	2,457	92	3,260	1 65	3,729	.....	.....	.....	.....	.....
Pulaski .....	.....	.....	.....	.....	.....	457	76	347	4 35	1,509
Putnam ..	396	37	146	2 50	365	625	53	331	4 50	1,489
Randolph .....	76	62	47	2 25	106	5,145	65	3,344	4 00	13,376
Richland .....	6,332	55	3,483	1 90	6,618	3,346	37	1,238	4 05	5,014
Rock Island ..	597	56	334	2 75	918	563	56	315	5 50	1,732
Saline .....	34	*94	32	1 85	59	7,689	82	6,305	3 75	23,644
Sangamon .....	5,670	57	3,232	2 55	8,242	837	75	682	4 50	2,826
Schuyler .....	2,314	106	2,453	3 45	8,463	4,976	102	5,075	4 15	21,061
Scott .....	.....	.....	.....	.....	.....	10	*102	10	4 50	45
Shelby .....	778	67	521	2 20	1,146	2,058	57	1,173	4 50	5,278
Stark .....	1,055	50	527	2 45	1,291	381	55	209	4 65	972
St. Clair .....	15	100	15	2 00	30	6,614	100	6,614	4 00	26,456
Stephenson .....	1,283	42	539	2 25	1,213	6,422	54	3,468	4 55	15,779
Tazewell .....	664	85	564	2 15	1,213	4,294	82	3,521	4 50	15,844
Union .....	5	*87	4	3 00	12	2,177	80	1,742	4 00	6,968
Vermilion .....	2,090	75	1,567	3 00	4,701	2,588	67	1,734	4 00	6,936
Wabash ..	596	83	495	2 85	1,411	6,529	83	6,419	3 65	19,779
Warren .....	1,268	37	469	2 15	1,008	524	65	341	4 85	1,654
Washington ..	313	83	260	2 35	611	91	59	54	4 25	229
Wayne .....	8,909	90	8,018	1 25	10,002	2,353	92	2,166	3 25	7,036
White .....	50	125	62	2 50	155	12,319	76	9,362	3 85	36,044
Whiteside .....	4,108	37	1,520	2 50	3,800	2,131	100	2,131	4 50	9,589
Will .....	2,161	50	1,080	1 70	1,836	2,409	66	1,590	4 85	7,711
Williamson .....	.....	.....	.....	.....	.....	3,539	41	1,451	3 80	5,514
Winnebago .....	802	50	401	2 35	942	3 157	75	2,363	4 50	10,656
Woodford .....	3,936	37	1,456	2 40	3,494	5,091	64	3,258	4 00	13,032
Total or av'ge ....	246,749	56	139,561	\$2 25	\$311,421	240,535	75	180,267	\$4 15	\$747,982

\*Estimated.

†Estimated same as in 1885.

## GRAPES AND WINE.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced in 1886, returned by Assessors	Pounds produced in 1887, compared with 1886.	Pounds produced in 1887.	Price per pound.	Value of product.	Gallons produced in 1886, returned by Assessors.	Gallons produced in 1887, compared with 1886.	Gallons produced in 1887.	Price per gallon.	Value of product.
Adams. ....	4,190	130	5,447	\$0 03	\$163	6,922	*82	5,676	*\$1 15	\$6,527
Alexander. ....										
Bond. ....	8,445	81	6,840	04	274	215	76	163	1 00	163
Boone. ....	2,350	112	2,632	05	132					
Brown. ....	49,760	90	44,784	03	1,343	276	90	248	2 00	496
Bureau. ....	25,795	84	31,568	03	650	6,853	80	5,482	1 00	5,482
Calhoun. ....						110	50	55	60	33
Carroll. ....	5,820	128	7,450	05	372	400	*82	328	* 1 15	377
Cass. ....	21,425	50	10,812	05	536	1,570	*82	1,287	1 25	1,608
Champaign. ....	29,640	102	30,232	03	907	903	100	903	3 00	2,709
Christian. ....	38,285	86	32,925	04	1,317	564	83	468	1 15	538
Clark. ....	7,795	64	4,989	04	199	93	82	76	1 50	114
Clay. ....	1,520	70	1,064	04	42					
Clinton. ....	27,320	100	27,320	03	820	4,155	100	4,155	1 00	4,155
Coles. ....	21,020	103	21,651	05	1,082	885	125	1,106	* 1 15	1,272
Cook. ....	26,308	*81	21,3 9	03	639	112	*82	92	1 00	92
Crawford. ....	7,140	56	3,998	05	200					
Cumberland. ..	22,485	89	19,122	03	774	90	100	90	1 35	121
DeKalb. ....	3,316	109	3,614	04	114					
DeWitt. ....	12,450	105	13,072	05	654	141	100	141	* 1 15	162
Douglas. ....	27,036	101	27,306	04	1,092					
DuPage. ....	5,000	45	2,250	04	90	180	*82	148	* 1 15	170
Edgar. ....	28,615	82	23,464	04	938	790	60	474	* 1 15	545
Edwards. ....	14,397	60	8,638	04	343	82	*80	67	* 1 15	77
Effingham. ....	2,895	79	2,267	05	113	805	100	805	* 1 15	926
Fayette. ....	6,565	72	4,727	06	283	110	*82	90	* 1 15	113
Ford. ....	26,171	100	26,171	03	785					
Franklin. ....	1,820	100	1,820	05	91	5	*82	4	* 1 15	5
Fulton. ....	54,882	85	46,650	04	1,866	732	*82	600	* 1 15	690
Gallatin. ....	1,000	65	650	03	19	90	*82	74	* 1 15	85
Greene. ....	15,365	100	15,365	* 04	615	185	*82	152	* 1 15	175
Grundy. ....	100	*91	91	* 05	4					
Hamilton. ....	2,450	85	2,082	03	62	139	*82	114	* 1 15	131
Hancock. ....	572,212	86	494,682	02	9,894	151,121	105	158,687	45	71,405
Hardin. ....	840	100	840	04	34	80	*82	66	3 00	198
Henderson. ....						500	*82	410	* 1 15	471
Henry. ....	12,060	97	11,698	04	468	509	100	509	2 00	1,018
Iroquois. ....	22,021	68	24,974	04	599					
Jackson. ....	5,720	100	7,720	05	286	313	*82	257	75	193
Jasper. ....	20,245	76	16,386	05	769	405	80	324	1 75	567
Jefferson. ....	2,130	100	2,130	04	85	206	100	205	* 1 15	237
Jersey. ....	5,740	50	2,870	04	115	578	*82	474	1 50	711
JoDavies. ....	9,210	112	10,315	05	516	1,871	*82	1,534	* 1 15	1,764
Johnson. ....										
Kane. ....	3,200	95	3,040	06	182					
Kankakee. ....	1,715	83	1,423	05	71	145	50	72	* 1 15	83
Kendall. ....	2,730	102	2,785	04	111	9	*82	7	* 1 15	8
Knox. ....	2,200	76	1,672	03	50					
Lake. ....	8,035	100	8,035	05	402	1,350	*82	1,107	* 1 15	1,273
La alle. ....	44,295	95	42,080	06	2,525	6,855	*82	5,621	* 1 15	6,464
Lawrence. ....	36,640	72	26,341	08	2,110	30	*82	25	* 1 15	29
Lee. ....	5,615	124	6,963	03	209	32	100	32	* 1 15	37



## GRAPES AND WINE—Continued.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced in 1886, returned by Assessors.	Pounds produced in 1887, compared with 1886.	Pounds produced in 1887.	Price per pound.	Value of product.	Gallons produced in 1886, returned by Assessors.	Gallons produced in 1887, compared with 1886.	Gallons produced in 1887.	Price per gallon.	Value of product.
Livingston.....	23,350	90	21,015	\$0 05	\$1,051	163	30	49	*\$1 15	\$56
Logan.....	32,700	58	18,966	03	569	2,623	50	1,311	1 00	1,311
Macon.....	58,680	90	52,812	04	2,112	1,933	*82	1,585	* 1 15	1,823
Macoupin.....	9,225	70	6,457	04	258	.....	.....	.....	.....	.....
Madison.....	22,870	100	22,870	03	686	5,069	50	2,534	75	1,900
Marion.....	450	79	355	05	18	85	60	51	30	15
Marshall.....	8,450	90	7,605	05	380	380	*82	312	* 1 15	359
Mason.....	29,980	60	17,988	* 04	719	265	*82	217	* 1 15	249
Massac.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McDonough....	32,845	103	33,830	04	1,353	615	50	307	* 1 15	353
McHenry.....	3,720	104	3,869	03	116	840	100	840	1 00	840
McLean.....	42,545	90	38,290	04	1,532	125	*82	102	* 1 15	117
Menard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mercer.....	53,616	117	62,731	03	1,882	1,960	*82	1,607	* 1 15	1,848
Monroe.....	470	*70	329	04	13	942	*82	770	80	618
Montgomery....	38,337	88	33,736	04	1,349	554	79	438	* 1 15	504
Morgan.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moultrie.....	12,325	63	7,765	03	233	2,000	*82	1,640	* 1 15	1,886
Ogle.....	2,400	100	2,400	04	96	46	100	46	* 1 15	53
Peoria.....	28,222	84	23,706	05	1,185	4,411	*82	3,617	* 1 15	4,159
Perry.....	1,958	93	1,821	10	182	102	80	82	1 00	82
Piatt.....	42,724	95	40,588	05	2,029	137	*82	112	* 1 15	129
Pike.....	15,100	94	14,194	04	568	295	*82	242	* 1 15	278
Pope.....	450	100	450	03	13	698	85	593	1 00	593
Pulaski.....	190,700	144	274,608	04	10,984	1,876	150	2,814	1 00	2,814
Putnam.....	5,600	97	5,432	04	217	395	*82	324	* 1 15	373
Randolph.....	3,970	115	4,566	04	183	538	100	538	75	403
Richland.....	10,285	67	6,891	04	276	26	*82	21	1 00	21
Rock Island....	155,320	108	167,746	03	5,032	3,735	75	2,801	1 00	2,801
Saline.....	51,311	100	51,311	04	2,052	52	*82	43	40	17
Sangamon.....	74,618	97	72,379	04	2,895	2,421	*82	1,985	* 1 15	2,283
Schuyler.....	31,690	101	32,007	02	640	178	*82	146	* 1 15	168
Scott.....	2,060	65	1,339	02	27	.....	.....	.....	.....	.....
Shelby.....	22,828	82	18,719	04	749	1,650	*82	1,353	* 1 15	1,556
Stark.....	1,800	81	1,458	04	58	110	*82	90	* 1 15	103
St. Clair.....	31,645	50	15,822	05	791	17,030	50	8,515	30	2,554
Stephenson.....	3,405	122	4,154	05	207	40	*82	33	40	13
Tazewell.....	17,300	80	13,840	04	554	3,659	60	2,195	90	1,975
Union.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermilion.....	49,770	150	74,655	04	2,986	252	*82	207	* 1 15	238
Wabash.....	2,975	62	1,844	05	92	3,340	*82	2,739	* 1 15	3,150
Warren.....	19,300	93	17,949	04	718	90	90	81	2 00	162
Washington....	750	92	690	05	34	90	92	83	85	70
Wayne.....	3,365	75	2,524	02	50	5	55	3	1 00	3
White.....	5,220	54	2,819	03	84	.....	.....	.....	.....	.....
Whiteside.....	3,752	75	2,814	04	112	5,000	75	3,750	* 1 15	4,312
Will.....	34,310	85	29,163	05	1,458	1,757	70	1,230	85	1,045
Williamson.....	143	103	147	05	7	.....	.....	.....	.....	.....
Winnebago.....	1,100	112	1,232	05	62	30	90	27	* 1 15	31
Woodford.....	17,515	64	11,210	04	448	2,995	100	2,995	* 1 15	3,444
Total or average.	2,459,117	94	2,318,401	\$0 03	\$81,837	258,923	93	240,549	\$0 65	\$155,934

\*Estimated.

APPLES AND PEACHES.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1886 returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of product.	Bushels produced in 1886 returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of product.
Adams. ....	171,288	22	37,683	\$1 00	\$37,683	400	*123	492	\$1 35	\$664
Alexander. ....	†28,575	60	17,145	1 00	17,145	†67	200	134	50	67
Bond. ....	92,237	37	34,128	75	25,596	74	114	84	1 60	134
Boone. ....	12,007	39	4,683	95	4,449	.....	.....	.....	.....	.....
Brown. ....	58,341	20	11,668	1 15	13,418	.....	.....	.....	.....	.....
Bureau. ....	63,222	27	17,070	90	13,363	.....	.....	.....	.....	.....
Calhoun. ....	140,380	6	84,228	75	63,171	.....	.....	.....	.....	.....
Carroll. ....	9,911	50	4,955	1 10	5,450	.....	.....	.....	.....	.....
Cass. ....	26,258	10	2,626	1 15	3,020	.....	.....	.....	.....	.....
Champaign. ....	86,499	16	13,840	1 05	14,522	874	100	874	1 85	1,617
Christian. ....	128,714	16	20,594	95	19,564	3	100	3	2 00	6
Clark. ....	41,332	31	12,813	1 05	13,454	.....	.....	.....	.....	.....
Clay. ....	23,520	68	15,994	65	10,396	.....	.....	.....	.....	.....
Clinton. ....	68,366	25	17,091	75	12,818	10	125	12	1 50	18
Coles. ....	67,115	35	23,490	1 00	23,490	505	25	126	2 50	315
Cook. ....	10,457	50	5,228	1 00	5,228	.....	.....	.....	.....	.....
Crawford. ....	26,211	52	13,630	90	12,267	.....	.....	.....	.....	.....
Cumberland. ....	33,533	42	14,084	85	11,971	.....	.....	.....	.....	.....
DeKalb. ....	30,054	61	18,333	1 00	18,333	20	*123	25	2 40	60
DeWitt. ....	43,506	35	15,227	1 15	17,511	.....	.....	.....	.....	.....
Douglas. ....	53,562	14	7,499	1 00	7,499	.....	.....	.....	.....	.....
DuPage. ....	18,669	20	3,734	1 50	5,601	.....	.....	.....	.....	.....
Edgar. ....	70,625	19	13,419	1 30	17,445	16	*123	20	2 60	40
Edwards. ....	12,227	30	3,668	75	2,751	120	130	156	1 00	156
Effingham. ....	46,371	48	22,258	75	16,693	8	100	8	1 15	9
Fayette. ....	83,993	19	15,959	65	10,373	34	*123	42 *	1 35	57
Ford. ....	4,430	20	886	1 15	1,015	20	*123	25 *	1 35	34
Franklin. ....	55,344	88	48,703	75	36,527	76	118	90	85	76
Fulton. ....	113,235	29	32,838	1 25	41,047	.....	.....	.....	.....	.....
Gallatin. ....	20,474	75	15,355	65	13,052	10	105	10	55	5
Greene. ....	78,300	10	7,830	1 00	7,830	.....	.....	.....	.....	.....
Grundy. ....	13,899	*44	6,115 *	90	5,503	.....	.....	.....	.....	.....
Hamilton. ....	40,468	80	32,374	60	19,424	493	116	572	60	343
Hancock. ....	103,163	10	10,316	1 05	10,832	.....	.....	.....	.....	.....
Hardin. ....	23,271	65	15,126	60	9,076	.....	.....	.....	.....	.....
Henderson. ....	14,263	10	1,426	1 00	1,426	.....	.....	.....	.....	.....
Henry. ....	43,055	46	19,805	1 00	19,805	.....	.....	.....	.....	.....
Iroquois. ....	20,101	54	10,854	1 05	11,397	.....	.....	.....	.....	.....
Jackson. ....	52,450	25	13,112	85	11,145	2	100	2	2 00	4
Jasper. ....	31,207	56	17,476	80	13,800	55	100	55	1 65	91
Jefferson. ....	43,633	92	40,141	85	34,120	784	162	1,270	1 35	1,714
Jersey. ....	88,176	7	6,172	1 00	6,172	3	*123	4	1 08	4
JoDavies. ....	11,652	75	8,739	75	6,554	.....	.....	.....	.....	.....
Johnson. ....	30,939	107	33,105	50	16,552	1,600	103	1,648	60	989
Kane. ....	20,733	76	15,757	1 40	22,060	.....	.....	.....	.....	.....
Kankakee. ....	10,327	67	6,919	95	6,573	.....	.....	.....	.....	.....
Kendall. ....	26,354	30	7,906	90	7,115	.....	.....	.....	.....	.....
Knox. ....	25,045	27	6,762	1 00	6,762	.....	.....	.....	.....	.....
Lake. ....	34,809	90	31,328	75	22,496	825	*123	1,015	1 00	1,015
LaSalle. ....	43,068	48	20,673	1 15	23,774	.....	.....	.....	.....	.....
Lawrence. ....	22,130	62	13,721	1 10	15,093	25	73	18	1 00	18
Lee. ....	19,374	59	11,490	1 00	11,490	70	*123	86 *	1 35	116



## APPLES AND PEACHES—Continued.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1886 returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of product.	Bushels produced in 1886 returned by Assessors.	Bushels produced in 1887, compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of product.
Livingston.....	25,466	42	10,696	\$1 10	\$11,766					
Logan.....	105,046	15	15,757	1 00	15,757	100	*123	123	*\$1 35	\$166
Macon.....	91,204	11	10,033	1 10	11,035					
Macoupin.....	142,480	17	24,222	90	21,800	154	*123	189	3 00	567
Madison.....	183,854	18	33,094	50	16,547	436	75	327	2 00	654
Marion.....	75,291	53	39,904	65	25,938	160	160	256	85	218
Marshall.....	30,426	43	11,083	1 00	13,083					
Mason.....	7,182	40	2,873	1 00	2,873					
Massac.....	34,269	62	21,247	75	15,935					
McDonough.....	12,395	33	4,090	1 10	4,499					
McHenry.....	10,736	87	9,340	95	8,873					
McLean.....	104,653	22	23,624	1 05	54,175					
Menard.....	†6,750	10	675	1 05	709					
Mercer.....	45,249	39	17,747	1 05	18,529					
Monroe.....	33,566	75	25,174	80	20,139	600	150	900	1 50	1,350
Montgomery.....	132,032	34	44,891	90	40,402					
Morgan.....										
Moultrie.....	30,918	23	7,111	1 00	7,111					
Ogle.....	11,396	70	7,977	80	6,382					
Peoria.....	68,160	20	13,632	1 20	16,358					
Perry.....	30,458	87	26,498	70	18,549	253	153	385	75	289
Piatt.....	57,021	50	28,511	1 00	28,511	103	*123	127	* 1 35	171
Pike.....	131,429	6	7,886	1 20	9,463	305	*123	375	* 1 35	506
Pope.....	39,610	92	36,441	50	18,220	610	110	671	2 25	1,510
Pulaski.....	37,073	79	29,288	1 00	29,288					
Putnam.....	21,715	23	4,994	1 00	4,994					
Randolph.....	38,703	97	37,542	75	28,156	106	125	132	75	99
Richland.....	26,050	75	19,537	90	17,583					
Rock Island.....	34,952	65	22,719	1 00	22,719					
Saline.....	46,920	90	42,228	60	25,337	595	237	815	55	448
Sangamon.....	196,759	4	7,870	1 00	7,870	10	*123	12	* 1 35	16
Schuyler.....	71,689	17	12,187	1 15	14,015					
Scott.....	15,381	25	3,845	1 30	4,998					
Shelby.....	124,517	28	34,865	85	29,635					
Stark.....	12,688	44	5,583	1 10	6,141					
St. Clair.....	143,066	50	71,533	1 00	71,533	39	25	10	* 1 35	13
Stephenson.....	10,922	50	5,461	1 10	6,007					
Tazewell.....	66,198	22	14,564	1 15	16,749					
Union.....	109,765	110	120,741	90	108,667					
Vermilion.....	68,506	25	14,701	1 00	14,701	4				
Wabash.....	33,526	97	32,520	85	27,642	50	137	68	85	58
Warren.....	18,983	38	7,213	1 35	9,737					
Washington.....	50,796	82	41,653	80	33,322	342	141	482	85	410
Wayne.....	35,930	37	13,297	75	9,973	45	200	90	1 00	90
White.....	23,789	69	16,414	80	13,131					
Whiteside.....	18,619	37	6,889	1 25	8,611					
Will.....	19,653	35	6,878	50	3,439					
Williamson.....	51,780	111	57,476	50	28,738	400	274	1,096	1 00	1,096
Winnebago.....	13,766	30	4,129	1 00	4,129					
Woodford.....	30,703	47	14,430	1 10	15,873					
Total or average.	5,159,323	38	1,958,338	\$0 85	\$1,704,695	10,405	123	12,829	\$1 20	\$15,213

\*Estimated.

†Estimated same as in 1885.

PEARS, OTHER FRUITS AND BERRIES.

COUNTIES.	PEARS.					OTHER FRUITS AND BERRIES		
	Bushels produced in 1886, returned by Assessors.	Bushels produced in 1887 compared with 1886.	Bushels produced in 1887.	Price per bushel.	Value of product.	Value of crop produced in 1886 returned by Assessors.	Value of crop of 1-87, compared with 1886.	Value of crop of 1887.
Adams .....	720	87	636	*\$1 20	\$751	\$10,090	\$100	\$10,090
Alexander .....						42,827	125	3,534
Bond .....	14	62	9	1 90	17	40	61	24
Boone .....						2,450	87	2,131
Brown .....						627	55	345
Bureau .....						4,146	75	3,109
Calhoun .....								
Carroll .....						129	75	97
Cass .....						4,173	20	835
Champaign .....						1,900	85	1,615
Christian .....	15	31	5	1 75	9	2,585	40	1,034
Clark .....								
Clay .....						466	82	382
Clinton .....	80	97	78	90	70	5,227	50	2,613
Coles .....						3,670	102	3,743
Cook .....						306	100	306
Crawford .....								
Cumberland .....						103	69	71
DeKalb .....						75	72	54
DeWitt .....						504	53	267
Douglas .....						863	37	319
DuPage .....						1,775	25	444
Edgar .....	332	32	106	1 50	159	1,917	75	1,438
Edwards .....						300	*97	291
Effingham .....						1,090	94	1,025
Fayette .....						3,990	100	8,990
Ford .....						40	37	15
Franklin .....						35	50	17
Fulton .....						8,560	75	6,420
Gallatin .....						164	10	16
Greene .....						875	50	437
Grundy .....						2,700	*45	1,215
Hamilton .....						100	90	90
Hancock .....						820	85	697
Hardin .....						25	125	31
Henderson .....								
Henry .....						666	78	519
Iroquois .....						646	56	362
Jackson .....	372	100	372	1 50	858	7,440	100	7,440
Jasper .....	26	69	18	1 40	25	161	79	127
Jefferson .....	810	*75	607	1 25	759	4,294	90	3,865
Jersey .....	100	30	30	1 00	30	1,479	31	458
Jo Daviess .....						3,485	35	1,220
Johnson .....	3	92	3	85	2	385	90	346
Kane .....						2,100	77	1,617
Kankakee .....						985	50	492
Kendall .....	100	*75	75	* 1 20	90			
Knox .....						1,762	48	846
Lake .....						400	* 100	400
LaSalle .....						3,250	70	2,275
Lawrence .....						167	100	167
Lee .....						1,808	83	1,501



## PEARS, OTHER FRUITS AND BERRIES—Continued.

COUNTIES.	PEARS.					OTHER FRUITS AND BERRIES		
	Bushels produced in 1886, returned by Assessors.	Bushels produced in 1887 compar'd with 1886.	Bushels produced 1887.	Price per bushel.	Value of product.	Value of crop produced in 1886, returned by Assessors.	Value of crop of 1887, compared with 1886.	Value of crop of 1887.
Livingston.....						\$2,585	20	\$517
Logan.....						2,832	53	1,558
Macon.....	39	48	19	\$1 25	\$24	2,042	33	674
Macoupin.....	25	57	14	1 10	15	2,113	41	866
Madison.....	139	92	128	1 35	173	1,405	58	815
Marion.....	40	55	22	1 35	30	8,921	72	6,423
Marshall.....						880	45	396
Mason.....						245	*69	169
Massac.....						215	100	215
McDonough.....						375	125	469
McHenry.....						1,272	101	1,285
McLean.....						3,051	100	3,051
Menard.....								
Mercer.....						10,430	83	8,657
Monroe.....								
Montgomery.....						1,249	85	1,062
Morgan.....								
Moultrie.....						40	70	28
Ogle.....						1,155	95	1,097
Peoria.....						6,497	65	4,223
Perry.....	15	93	14	80	11	365	112	409
Piatt.....						756	25	189
Pike.....						1,437	63	905
Pope.....	52	92	48	70	34	43	102	44
Pulaski.....						32,310	102	32,956
Putnam.....								
Randolph.....	20	100	20	80	16	628	85	534
Richland.....	13	75	8	1 00	8	74	105	78
Rock Island.....						6,663	89	5,930
Saline.....	225	100	225	75	169	368	100	368
Sangamon.....	31	37	11	1 20	13	3,593	50	1,796
Schuyler.....						1,596	120	1,915
Scott.....						24	125	30
Shelby.....	3	75	2	1 20	2	127	20	25
Stark.....								
St. Clair.....	96	100	96	1 00	96	3,585	100	3,585
Stephenson.....						1,215	100	1,215
Tazewell.....						3,520	75	2,640
Union.....	2,731	100	2,731	2 00	5,462	30,332	110	33,365
Vermilion.....						6,377	72	4,591
Wabash.....								
Warren.....						1,745	70	1,221
Washington.....	295	102	209	95	198	1,740	96	1,670
Wayne.....								
White.....						819	56	459
Whiteside.....						4,400	75	3,300
Will.....						2,383	50	1,141
Williamson.....	56	90	50	1 00	50	202	106	214
Winnebago.....						7,029	95	6,677
Woodford.....						85	57	48
Total or average.....	6,262	80	5,526	\$1 75	\$9,671	\$248,225	\$83	\$205,140

\*Estimated.

†Estimated same as in 1885.

DAIRY PRODUCTS.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1886 returned by Assessors.	Pounds sold in 1887, compared with 1886.	Pounds sold in 1887.	Price per pound.	Value of product.	Pounds sold in 1886 returned by Assessors.	Pounds sold in 1887, compared with 1886.	Pounds sold in 1887.	Price per pound.	Value of product.
Adams.....	215,773	90	194,196	\$0 18	\$34,955	36,850	*92	33,902	\$0 15	\$5,085
Alexander..	43,276	110	3,604	20	821	.....	.....	.....	.....	.....
Bond.....	68,083	74	50,359	16	8,057	340	82	279	12	33
Boone.....	378,177	104	393,304	22	86,527	143,010	91	130,139	10	13,014
Brown.....	44,511	90	40,060	19	7,611	6,475	100	6,475	15	971
Bureau....	369,356	81	299,178	18	53,852	108,280	87	94,204	13	12,246
Calhoun....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carroll....	460,063	100	460,063	19	87,412	7,200	90	6,480	15	972
Cass.....	38,319	75	28,739	19	5,450	1,150	*69	793	15	119
Champaign	222,772	96	213,861	18	38,495	2,400	93	2,232	18	402
Christian...	189,384	84	159,082	18	28,635	525	87	457	13	59
Clark.....	82,846	102	84,503	14	11,830	.....	.....	.....	.....	.....
Clay.....	67,995	100	68,995	15	10,199	274	*80	219	12	26
Clinton....	135,234	100	135,234	17	22,990	3,490	100	3,490	11	384
Coles.....	86,071	80	68,857	18	12,394	.....	.....	.....	.....	.....
Cook.....	499,806	100	499,806	27	134,948	1,400	78	1,092	09	98
Crawford...	53,894	90	48,505	12	5,581	.....	.....	.....	.....	.....
Cumb'rland	44,490	79	35,147	16	5,623	.....	.....	.....	.....	.....
DeKalb....	1,148,754	100	1,148,754	24	275,701	172,004	76	130,723	11	14,379
DeWitt....	76,237	87	66,326	15	9,949	100	100	190	15	15
Douglas...	76,252	100	76,252	16	12,200	.....	.....	.....	.....	.....
DuPage....	252,686	97	205,105	27	55,378	162,350	68	110,398	11	12,144
Edgar.....	173,534	97	168,328	16	26,932	.....	.....	.....	.....	.....
Edwards...	27,314	100	27,314	15	4,097	.....	.....	.....	.....	.....
Effingham..	81,033	103	83,464	14	11,685	.....	.....	.....	.....	.....
Fayette....	96,686	66	63,813	15	9,582	20	*90	18	15	3
Ford.....	90,473	87	78,711	18	14,168	.....	.....	.....	.....	.....
Franklin...	24,405	100	24,405*	18	4,393	.....	.....	.....	.....	.....
Fulton....	280,716	90	252,644	17	42,949	.....	.....	.....	.....	.....
Gallatin....	14,227	100	14,227	20	2,845	.....	.....	.....	.....	.....
Greene.....	93,784	75	70,338	25	17,584	800	*100	800	12	95
Grundy....	437,249	*69	301,702*	20	60,341	50,520	*80	80,416*	30	8,083
Hamilton..	8,931	92	8,216	15	1,232	.....	.....	.....	.....	.....
Hancock...	247,988	97	240,548	16	38,479	8,492	*89	7,558	12	907
Hardin....	5,727	100	5,727	20	1,145	.....	.....	.....	.....	.....
Henderson..	52,695	77	40,575	17	6,898	.....	.....	.....	.....	.....
Henry.....	371,501	81	300,916	18	54,165	87,270	73	63,707	14	8,919
Iroquois....	520,434	87	452,777	20	90,555	200	83	166	10	17
Jackson...	49,159	100	49,159	17	8,357	.....	.....	.....	.....	.....
Jasper.....	53,442	96	51,384	13	6,668	475	67	318	13	41
Jefferson...	74,662	80	59,730	18	10,751	693	100	693	11	76
Jersey.....	75,881	78	59,187	20	11,837	5	100	5	15	1
JoDavieess..	543,982	80	427,186	20	85,437	2,600	100	2,600	12	312
Johnson....	8,029	87	6,985	17	1,187	.....	.....	.....	.....	.....
Kane.....	709,926	94	667,048	28	186,773	1,280,229	100	1,280,229	12	153,627
Kankakee...	331,135	80	264,908	20	52,982	5,240	75	3,930	13	511
Kendall....	432,481	70	303,737	22	66,602	500	82	410	13	53
Knox.....	528,771	91	481,182	20	96,236	.....	.....	.....	.....	.....
Lake.....	606,612	95	576,281	26	149,833	10,400	*63	6,552	13	852
LaSalle....	484,986	84	407,388	19	77,404	87,900	97	85,263	15	12,789
Lawrence..	83,610	97	81,102	17	13,787	2,700	*79	2,133	10	213
Lee.....	342,400	80	307,920	19	58,505	600	82	492	09	44



## DAIRY PRODUCTS—Continued.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1886 returned by Assessors.	Pounds sold in 1887, compared with 1886.	Pounds sold in 1887.	Price per pound.	Value of product.	Pounds sold in 1886 returned by Assessors.	Pounds sold in 1887, compared with 1886.	Pounds sold in 1887.	Price per pound.	Value of product.
Livingston.	473,839	70	331,687	\$0 18	\$59,704	1,521	85	1,293	\$0 12	\$155
Logan . . . .	124,967	87	108,721	18	19,570	3,000	*90	2,700	15	405
Macon . . . .	207,129	96	198,844	21	41,757	.....	.....	.....	.....	.....
Macoupin ..	137,341	101	138,714	17	23,581	510	100	510	11	56
Madison ..	311,380	97	302,039	20	60,408	10,770	100	10,779	12	1,293
Marion . . . .	91,569	90	82,412	18	14,804	.....	.....	.....	.....	.....
Marshall ..	129,062	100	129,062	20	25,812	217,028	100	217,028	17	36,895
Mason . . . .	38,725	*90	34,892	*19	6,622	.....	.....	.....	.....	.....
Massac. . . .	34,194	100	34,194	20	6,839	.....	.....	.....	.....	.....
M'Donough	70,430	92	64,786	15	9,719	2,976	100	2,976	17	506
McHenry ..	1,279,874	95	1,215,880	29	352,605	911,159	76	692,481	10	69,248
McLean ....	312,144	93	290,294	16	46,447	3,010	*92	2,769	16	443
Menard . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mercer . . . .	246,861	86	212,300	17	36,091	100	100	100	12	12
Monroe . . . .	74,966	*112	83,952	20	18,790	250	*100	350	12	42
Montgom'y.	204,091	79	161,232	18	29,022	1,314	103	1,353	15	203
Morgan . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moultrie ...	46,578	90	41,920	16	6,707	.....	.....	.....	.....	.....
Ogle . . . . .	459,262	95	439,299	20	87,260	5,125	97	4,971	14	696
Peoria . . . .	175,139	75	131,354	22	28,898	346,099	87	301,106	13	39,144
Perry . . . . .	57,342	95	54,475	22	11,984	25	100	25	15	4
Piatt . . . . .	45,306	90	40,775	18	7,339	.....	.....	.....	.....	.....
Pike . . . . .	143,582	80	114,866	16	18,376	4,140	100	4,140	12	497
Pope . . . . .	14,209	95	13,498	15	2,025	30	90	27	20	5
Pulaski . . . .	34,858	86	29,978	23	6,895	.....	.....	.....	.....	.....
Putnam . . . .	58,435	87	50,838	19	9,659	.....	.....	.....	.....	.....
Randolph ..	84,155	90	75,739	12	9,089	2,660	*100	2,660	15	399
Richland. . . .	45,580	70	41,902	13	4,148	4,010	85	3,408	10	341
Rock Island	341,596	92	314,268	22	69,139	.....	.....	.....	.....	.....
Saline . . . . .	27,415	*95	26,044	20	5,209	31	*80	25	12	3
Sangamon . . .	226,059	97	219,277	22	48,241	700	100	700	15	105
Schuyler . . . .	103,597	100	103,597	18	18,647	200	75	150	12	18
Scott . . . . .	16,035	100	16,035	16	2,566	.....	.....	.....	.....	.....
Shelby . . . . .	138,513	75	103,885	17	17,660	1,058	100	1,058	15	159
Stark . . . . .	94,087	85	79,982	19	15,196	.....	.....	.....	.....	.....
St. Clair . . . .	443,579	125	554,474	20	110,895	73,369	100	73,369	10	7,337
Stephenson	698,069	85	593,359	18	106,805	600	95	570	11	63
Tazewell . . . .	206,248	103	212,435	20	42,487	6,985	*85	5,937	11	653
Union . . . . .	30,652	100	30,652	25	7,663	65	*100	65	15	10
Vermilion . . .	195,845	90	176,260	19	33,489	7,250	90	6,525	12	783
Wabash . . . .	26,133	95	24,826	21	5,213	.....	.....	.....	.....	.....
Warren . . . . .	125,342	92	115,315	19	21,910	70	95	66	15	10
Washington	75,058	121	90,820	19	17,256	490	*98	480	15	72
Wayne . . . . .	43,238	75	32,428	12	3,891	20	60	12	15	18
White . . . . .	28,301	83	23,490	17	3,993	275	50	137	15	20
Whiteside ..	758,772	100	758,772	19	134,167	.....	.....	.....	.....	.....
Will . . . . .	711,400	40	284,560	23	65,449	37,500	60	22,500	10	2,250
Williamson.	18,906	107	20,229	17	3,439	.....	.....	.....	.....	.....
Winnebago.	709,356	93	659,701	23	151,731	98,612	88	85,898	12	10,308
Woodford ..	121,525	95	115,449	18	20,781	14,665	92	22,492	15	3,374
Total or av	21,392,900	89	19,121,237	\$0 21	\$3,970,919	3,939,218	89	3,484,933	\$0 12	\$422,018

\*Estimated.

†Estimated same as in 1885.

## DAIRY PRODUCTS.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1886 returned by Assessors.	Gallons sold in 1887, compared with 1886.	Gallons sold in 1887.	Price per gallon.	Value of product.	Gallons sold in 1886 returned by Assessors.	Gallons sold in 1887, compared with 1886.	Gallons sold in 1887.	Price per gallon.	Value of product.
Adams. ....	755	*91	687	\$0 20	\$137	12,893	*85	10,959	\$0 50	\$5,479
Alexander. ....										
Bond. ....	197,656	95	187,773	20	37,555					
Boone. ....	2,044,125	107	2,187,214	17	371,826	78,058	102	79,519	1 00	79,619
Brown. ....	830	100	830	40	332	10,294	87	8,556 *	50	4,278
Bureau. ....	23,185	100	23,185	20	4,637	29,705	108	32,081	60	19,249
Calhoun. ....										
Carroll. ....	42,985	*94	40,406	10	4,041	76,273	100	76,273	30	22,882
Cass. ....	29,420	*95	27,949	18	5,031	510	*96	490	60	294
Champaign. ....	16,075	83	13,342	20	2,668	23,501	83	19,505	1 00	19,505
Christian. ....	38,955	102	39,734	19	7,549	6,165	95	5,837 *	50	2,918
Clark. ....	39,353	62	24,399	11	2,684	5	65	3 *	50	1
Clay. ....	12,580	100	12,540	20	2,516	600	100	600 *	50	300
Clinton. ....	131,838	77	101,515	14	14,212	25,117	104	16,122 *	50	13,061
Coles. ....	269,814	70	188,870	10	18,887	13,030	50	6,515 *	50	3,257
Cook. ....	7,931,710	103	8,169,661	11	898,663	11,425	100	11,425 *	50	5,712
Crawford. ....	3,365	72	2,423	15	363					
Cumbrland. ....	3,555	102	3,626	17	616					
DeKalb. ....	2,038,490	105	2,140,414	13	278,254	108,387	90	97,548	77	75,112
DeWitt. ....	25,705	83	21,335	20	4,297	9,725	80	7,780	50	3,890
Douglas. ....	30	*87	26	20	5	10	*78	8	40	3
DuPage. ....	7,005,106	98	6,865,004	13	892,450	2,160	88	1,901	40	760
Edgar. ....	10,840	95	10,298	35	3,604	800	*64	512 *	50	256
Edwards. ....	46,706	*88	41,101	20	8,220	50	*87	43 *	50	21
Effingham. ....	7,605	100	7,605	16	1,217	1,400	100	1,400	30	420
Fayette. ....	19,750	75	14,812	20	2,962	5,144	95	4,887 *	50	2,443
Ford. ....	8,825	*92	8,119	*17	1,380	125,433	*93	116,653 *	50	58,326
Franklin. ....	106	100	106	20	61					
Fulton. ....	22,510	100	22,510	19	4,277	47,416	110	52,158	50	26,079
Gallatin. ....	1,990	*100	1,990	20	398	100	*100	100 *	50	50
Greene. ....	543	*101	548	*17	93	19,064	100	19,063 *	50	9,532
Grundy. ....	39,045	*87	33,969	*17	5,775	22,132	*62	13,722 *	50	6,861
Hamilton. ....	100	200	100	20	20					
Hancock. ....	781	85	586	20	117	22,637	87	19,694	25	4,923
Hardin. ....										
Henderson. ....	500	50	250	20	50	8,195	50	4,097	50	2,048
Henry. ....	102,710	89	91,412	19	17,368	51,283	84	43,078	69	29,724
Iroquois. ....	235,516	77	181,347	10	18,135	56,253	94	52,278	26	13,592
Jackson. ....	11,890	100	11,890	20	2,378					
Jasper. ....	1,613	79	1,274	09	115					
Jefferson. ....	10,560	100	10,560	20	2,112	527	95	501	20	101
Jersey. ....	17,757	100	17,757	*17	3,019	18,202	125	22,752	50	11,376
Jo Daviess. ....	1,385	90	1,246	*17	212	32,789	90	29,510	50	14,755
Johnson. ....										
Kane. ....	4,332,730	99	4,338,903	12	520,668	128,143	99	126,061	56	71,032
Kankakee. ....	343,015	100	343,015	30	102,904	82,373	95	78,254	75	58,690
Kendall. ....	694,112	68	472,001	09	42,280	14,060	60	3,436 *	50	4,218
Knox. ....	80,343	91	73,112	14	10,236	21,494	88	18,915	66	12,484
Lake. ....	2,236,855	110	2,460,540	08	196,853	54,339	90	48,905	50	24,452
LaSalle. ....	480,487	90	432,438	20	86,488	50,616	82	41,505	60	24,903
Lawrence. ....	12,109	80	9,687	15	1,453	1,065	80	852	50	426
Lee. ....	6,212	90	5,591	20	1,118	230,011	82	188,609	29	54,691



## DAIRY PRODUCTS—Continued.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1886 returned by Assessors.	Gallons sold in 1887, compared with 1886.	Gallons sold in 1887.	Price per gallon.	Value of product.	Gallons sold in 1886 returned by Assessors.	Gallons sold in 1887, compared with 1886.	Gallons sold in 1887.	Price per gallon.	Value of product.
Livingston.	241,056	100	241,056	\$0 20	\$48,211	54,701	95	51,966	\$0 40	\$20,786
Logan .....	29,983	100	29,983	15	4,497	8,134	*110	8,134	* 50	4,067
Macon .....	18,930	110	20,823	25	5,206	11,955	112	13,390	1 00	13,390
Macoupin ..	391,102	120	469,322	12	56,319	84,871	110	93,358	60	76,015
Madison....	689,696	100	689,696	10	68,970	22,159	117	25,926	60	15,556
Marion. ....	30,710	78	23,954	15	3,593	1,179	72	849	25	212
Marshall ...	97,771	100	97,771	20	19,554	240	160	240	* 50	120
Mason .....	110	*98	108	*17	18	.....	.....	.....	.....	.....
Massac .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
M'Donough	5,168	90	4,651	10	465	7,055	85	5,988	35	2,096
McHenry ..	9,793,145	79	7,736,584	14	1,083,122	65,940	92	60,665	50	30,332
McLean .....	90,515	100	90,515	*17	15,387	21,691	100	21,691	50	10,845
Menard .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mercer .....	7,532	75	5,649	*17	960	70,871	87	61,658	30	18,497
Monroe .....	3,885	*135	5,245	*17	892	.....	.....	.....	.....	.....
Montgom'y.	25,890	92	23,810	*17	4,049	9,149	99	9,057	* 50	4,528
Morgan .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moultrie ..	.....	.....	.....	.....	.....	350	100	350	35	122
Ogle .....	194,845	95	185,103	*17	31,467	209,491	97	203,206	45	91,443
Peoria .....	356,505	87	310,159	*17	52,727	8,420	87	7,325	* 50	3,662
Perry .....	760	140	1,064	10	106	1,100	137	1,507	40	603
Piatt .....	5	*94	5	*17	1	6,491	*92	5,972	* 50	2,986
Pike .....	20,517	87	17,850	*17	3,034	35,767	82	29,329	* 50	14,664
Poke .....	.....	.....	.....	.....	.....	112	100	112	90	101
Pulaski .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam .....	1,100	*92	1,012	*17	172	.....	.....	.....	.....	.....
Randolph ..	293,591	90	264,232	19	50,204	.....	.....	.....	.....	.....
Richland ...	16,014	90	14,413	08	1,153	40	*102	41	* 50	20
Rock Island	291,311	95	276,745	18	49,814	29,987	95	28,488	60	17,093
Saline .....	4,311	102	4,397	*17	747	6	*100	6	* 50	3
Sangamon ..	46,040	90	41,436	*17	7,044	4,070	100	4,070	* 50	2,035
Schuyler ...	7,904	102	8,062	40	3,225	23,019	97	22,328	75	16,746
Scott .....	90	100	90	*17	15	120	100	120	* 50	60
Shelby .....	2,778	75	2,084	*17	354	6,635	100	6,635	35	2,322
Stark .....	19,925	85	16,936	20	3,387	1,185	68	806	40	322
St. Clair....	273,857	125	342,321	20	68,464	2,976	120	3,571	* 50	1,785
Stephenson	152,279	88	134,005	*17	22,781	157,503	85	133,877	50	66,938
Tazewell ...	39,158	100	39,158	20	7,832	4,341	110	4,782	50	2,391
Union .....	16,955	*103	17,464	15	2,620	1,100	100	1,100	40	440
Vermilion ..	62,621	*85	53,228	*17	9,049	7,511	*82	6,159	* 50	3,079
Wabash .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren .....	100	95	95	18	17	11,588	92	10,661	40	4,264
Washingt'n.	9,025	189	17,057	09	1,525	9	120	11	30	3
Wayne .....	2,640	75	1,980	*17	337	.....	.....	.....	.....	.....
White .....	2,187	*94	2,056	*18	349	1,845	*94	1,734	* 50	867
Whiteside ..	155,954	100	155,954	10	15,595	253,556	75	190,167	* 50	95,083
Will .....	1,428,584	75	1,071,438	09	96,429	83,072	75	62,304	1 00	62,304
Williamson.	72,176	110	79,394	*17	13,497	22	*105	23	* 50	11
Winnebago.	960,040	88	844,835	20	168,967	105,243	72	75,775	21	15,913
Woodford ..	14,923	101	15,072	20	3,014	4,133	*98	4,050	* 50	2,025
Total or av	44,503,822	94	42,000,560	\$0 13	\$5,505,375	2,719,017	89	2,435,439	\$0 52	\$1,271,451

\*Estimated.

## BEEF CATTLE AND DAIRY COWS.

COUNTIES.	BEEF CATTLE.							DAIRY COWS.		
	Number of cattle as- sessed May, 1887.	Number marketed, 1887.	Average live weight, lbs.	Total live weight, lbs.	Average value per cwt., live weight.	Total value.	Supply on hand Dec 1, 1887, compared with same date 1886.	Price per cwt., Dec. 1, 1887, live weight.	No. kept 1887, Assessors' returns.	Total value.
Adams.....	31,704	7,292	1,100	8,021,200	\$3 30	\$264,700	70	\$3 60	9,044	\$343,672
Alexander..	*1,634	376	500	188,000	2 50	4,700	95	2 50	*265	5,565
Bond.....	10,451	2,404	970	2,331,880	3 15	73,454	50	2 85	3,732	104,496
Boone.....	23,981	5,516	1,087	5,995,892	3 05	182,875	71	3 25	10,063	332,079
Brown.....	14,856	3,417	1,200	4,100,400	2 90	118,912	72	3 35	4,168	125,040
Bureau.....	47,914	11,020	1,100	1,212,200	3 40	41,215	84	3 40	15,976	431,352
Calhoun.....	4,124	951	800	760,800	3 50	27,628	92	3 25	1,665	46,620
Carroll.....	38,187	8,783	1,000	8,783,000	4 00	351,320	88	3 00	10,382	107,258
Cass.....	14,177	3,261	1,317	4,294,737	4 00	171,789	82	4 10	2,421	75,051
Champaign.	46,995	10,809	1,150	12,430,350	3 35	416,617	81	3 35	10,630	340,160
Christian....	34,609	7,970	1,148	9,149,560	3 60	329,375	77	3 80	7,112	199,136
Clark.....	15,116	3,477	1,050	3,650,850	2 80	102,224	49	2 80	4,353	95,766
Clay.....	12,127	2,789	867	2,418,063	2 25	54,406	89	2 25	3,282	72,204
Clinton.....	9,696	2,230	900	2,007,000	3 00	60,200	72	3 75	4,443	119,961
Coles.....	21,484	4,941	1,337	6,606,117	3 50	231,214	67	3 55	3,714	96,564
Cook.....	34,649	7,969	850	6,773,650	2 75	186,175	95	2 60	4,727	174,899
Crawford...	11,026	2,536	1,065	2,700,840	2 80	75,623	55	2 85	3,226	74,198
Cumberland	10,314	2,372	900	2,134,800	3 10	66,179	49	2 85	2,864	65,872
DeKalb.....	51,207	11,778	1,100	12,955,800	2 50	323,895	90	2 85	21,222	572,994
DeWitt.....	20,275	4,663	1,183	5,516,329	3 40	187,555	90	3 60	3,700	129,500
Douglas.....	25,994	5,979	1,225	7,324,275	3 40	249,025	90	3 35	4,307	129,210
DuPage.....	19,210	4,418	1,000	441,800	3 50	15,463	67	3 50	16,654	449,658
Edgar.....	35,155	8,086	1,300	10,511,800	3 50	367,913	78	4 00	7,402	214,658
Edwards....	7,990	1,830	*922	1,694,636	2 60	44,060	75	2 50	2,720	81,600
Effingham..	12,914	2,970	900	2,673,000	2 25	60,092	82	2 30	4,487	94,227
Fayette.....	17,574	4,042	933	3,771,186	2 30	86,737	83	2 55	5,188	124,512
Ford.....	16,573	3,812	1,200	4,574,400	4 00	182,876	75	3 60	5,590	156,320
Franklin....	7,334	1,687	850	1,433,950	2 10	30,113	90	2 25	2,789	75,303
Fulton.....	46,763	10,755	1,067	11,475,585	3 30	378,694	89	3 55	10,473	303,717
Gallatin....	3,812	887	767	680,329	2 35	15,988	87	2 25	927	18,540
Greene.....	25,799	5,934	1,350	8,010,900	3 75	300,409	50	3 50	5,399	191,970
Grundy.....	19,381	4,458	*1,049	4,676,442	*3 30	154,322	*78	*3 45	6,628	185,584
Hamilton...	9,306	2,140	950	2,033,000	2 25	45,742	20	2 05	1,416	27,904
Hancock....	43,659	10,041	1,050	10,543,050	3 30	347,921	87	3 45	9,398	206,756
Hardin.....	1,813	417	1,100	458,700	2 50	114,675	90	1 85	740	14,800
Henderson..	18,815	4,327	1,150	4,976,050	3 35	166,698	52	3 25	2,058	45,276
Henry.....	77,814	17,897	925	16,554,725	2 95	488,909	75	3 25	13,090	314,160
Iroquois....	62,252	14,318	1,233	17,654,094	3 55	626,720	81	3 75	17,279	449,254
Jackson.....	8,689	1,998	600	1,198,800	3 50	41,958	1 00	3 50	2,573	51,460
Jasper.....	14,287	3,286	975	3,203,850	2 55	81,698	56	2 55	3,583	85,992
Jefferson....	12,933	2,974	967	2,875,858	2 40	69,020	78	2 80	3,962	106,974
Jersey.....	12,307	2,831	975	2,760,225	2 75	75,906	71	3 00	3,276	101,556
JoDavieess..	49,964	11,492	1,100	12,641,200	2 70	341,312	45	3 00	14,632	321,904
Johnson....	4,556	1,048	700	733,600	2 00	14,672	97	2 20	1,336	26,720
Kane.....	48,622	11,183	1,050	11,742,150	3 25	381,620	87	3 20	32,154	1,028,928
Kankakee..	30,309	7,971	1,225	8,539,475	3 25	277,533	96	3 65	9,337	233,425
Kendall.....	20,667	4,753	1,033	4,909,849	3 10	152,205	75	3 10	7,564	211,792
Knox.....	52,327	12,035	1,171	14,092,985	3 20	450,975	67	3 30	9,411	244,686
Lake.....	24,589	5,655	900	5,089,500	2 50	127,337	80	2 50	15,673	705,285
LaSalle.....	58,273	13,403	1,086	14,555,658	3 80	553,115	73	3 75	16,781	503,430
Lawrence...	12,095	2,732	900	2,503,800	2 40	60,121	87	2 35	3,725	81,950
Lee.....	37,196	8,555	1,034	8,845,870	3 25	287,491	84	3 55	11,861	308,386



## BEEF CATTLE AND DAIRY COWS—Continued.

COUNTIES.	BEEF CATTLE.							DAIRY COWS.			
	Number of cattle assessed May, 1887.	Number marketed, 1887.	Average live weight, lbs.	Total live weight, lbs.	Average value per cwt. live weight.	Total value.	Supply on hand Dec. 1, 1887, compared with same date 1886.	Price per cwt., Dec. 1, 1887, live weight.	No. kept 1887, Assessors' returns.	Value per head.	Total value.
Livingston..	53,247	12,247	1,000	12,247,000	\$2 65	\$324,545	67	\$3 10	15,637	\$29	\$453,413
Logan.....	27,686	6,368	1,283	8,170,144	3 75	306,380	97	4 05	5,240	33	172,920
Macon .....	28,263	6,500	1,205	7,832,500	3 65	284,886	85	3 75	5,669	37	209,753
Macoupin....	34,784	8,000	1,110	8,880,000	3 15	279,720	57	3 45	8,222	29	238,438
Madison.....	17,983	4,137	800	3,309,600	2 75	91,020	87	3 25	9,032	32	289,024
Marion.....	13,602	3,128	937	2,930,936	2 85	83,532	59	2 25	4,099	22	90,178
Marshall....	20,618	4,742	1,200	5,690,400	3 60	204,854	92	4 35	4,192	25	104,800
Mason.....	6,790	1,562	*1,236	1,930,632	*3 75	72,399	*90	2 50	2,027	30	60,810
Massac.....	4,847	1,115	575	641,125	2 25	14,425	92	2 00	472	15	7,080
McDonough	12,946	2,977	1,100	3,274,700	2 75	90,054	75	3 15	2,660	27	71,820
McHenry...	58,025	13,346	975	13,012,350	3 05	396,877	71	2 70	33,643	30	1,009,290
McLean.....	62,413	14,355	1,260	18,087,300	3 60	651,143	75	3 65	15,985	28	447,580
Menard....	**12,349	2,840	1,267	3,598,280	4 25	152,927	82	3 90	.....	.....	.....
Mercer.....	40,869	9,400	1,137	10,687,800	3 25	1,347,353	57	3 20	8,125	24	195,000
Monroe.....	4,114	946	950	898,700	3 00	26,961	50	3 00	2,180	30	65,400
Montgom'ry	29,830	6,861	1,100	7,547,100	3 00	226,413	70	3 00	7,564	30	226,920
Morgan.....	22,269	5,122	1,250	6,402,500	3 80	243,295	55	3 70	.....	.....	.....
Moultrie...	8,127	1,869	1,187	2,218,503	3 45	76,858	89	3 50	1,987	31	61,597
Ogle.....	56,388	12,969	967	12,541,023	3 00	376,230	83	3 65	15,470	21	324,870
Peoria.....	27,030	6,217	1,067	6,633,539	3 10	205,640	57	3 00	6,661	29	193,169
Perry.....	5,920	1,361	817	1,112,754	2 15	23,924	83	2 00	2,202	28	61,656
Piatt.....	16,844	3,874	1,225	4,745,650	3 50	166,098	1 00	3 40	3,300	32	105,600
Pike.....	30,205	6,947	1,212	8,419,764	3 45	290,482	89	3 75	6,700	28	187,600
Pope.....	5,142	1,183	850	1,005,550	2 25	22,625	90	2 50	1,670	30	50,100
Pulaski.....	4,379	1,007	837	842,859	2 50	21,071	74	2 70	1,167	28	32,676
Putnam.....	8,352	1,921	1,150	2,209,150	3 35	74,006	1 05	3 25	1,837	30	55,110
Randolph...	12,174	2,800	1,000	2,800,000	3 00	84,000	75	3 00	5,942	25	148,550
Richland...	12,031	2,767	950	2,628,650	2 25	59,145	50	2 00	3,601	18	64,818
Rock Island	36,956	8,500	1,090	9,265,000	3 25	301,112	84	3 65	7,968	27	215,136
Saline.....	6,761	1,555	950	1,477,250	2 10	31,022	90	2 25	2,666	25	66,650
Sangamon...	50,914	11,710	1,355	15,515,750	3 75	581,841	85	4 20	8,584	33	283,272
Schuyler....	22,309	5,131	1,150	5,900,650	3 60	212,423	1 02	3 50	5,507	29	159,703
Scott.....	4,642	1,068	1,233	1,316,844	3 40	44,773	67	3 85	873	37	32,201
Shelby.....	28,203	6,487	1,125	7,297,875	3 10	226,234	57	3 40	6,397	27	172,719
Stark.....	16,302	3,749	1,133	4,247,617	3 20	135,924	74	3 60	3,249	31	100,719
St. Clair....	15,404	3,543	600	2,125,800	3 00	63,771	1 00	3 00	7,911	25	197,775
Stephenson..	46,568	10,711	1,050	11,246,550	2 90	326,150	58	2 85	12,583	28	352,324
Tazewell....	26,773	6,158	1,333	8,208,614	3 60	295,510	90	4 15	6,774	28	189,672
Union.....	7,436	1,710	600	1,126,000	2 25	25,335	80	2 50	1,537	14	21,518
Vermilion...	42,988	9,887	1,267	12,526,829	3 85	482,283	93	3 35	8,292	32	265,344
Wabash....	7,356	1,692	875	1,480,500	2 85	42,194	78	2 40	1,290	23	29,670
Warren.....	38,651	8,890	1,233	10,961,370	3 90	427,493	78	3 85	6,229	25	155,725
Washington.	11,295	2,598	887	2,304,426	2 60	49,915	97	2 80	4,079	27	110,133
Wayne.....	11,153	4,405	900	3,964,500	2 50	99,112	75	2 60	5,673	20	113,460
White.....	12,172	2,799	962	2,692,638	2 55	68,662	56	2 50	2,859	23	65,757
Whiteside...	52,934	12,175	1,100	13,392,400	2 25	301,331	1 00	2 25	17,439	25	435,975
Will.....	39,486	9,082	900	8,173,800	3 60	294,257	78	3 60	18,723	28	522,244
Williamson..	3,793	872	962	838,864	2 30	19,294	76	2 30	1,573	21	33,033
Winnebago..	39,176	9,010	1,100	9,911,000	3 10	307,241	62	3 10	13,652	18	245,736
Woodford...	24,572	5,651	1,133	6,402,583	3 55	227,292	79	3 55	6,048	28	169,344
Total or av	2,480,401	571,481	1,060	605,887,679	\$3 24	\$19,631,401	77	\$3 10	704,372	\$28	\$19,536,614

\* Estimated.

\*\* Estimated same as in 1886.

† Twenty-three per cent. as-essed.

## HOG PRODUCT.

COUNTIES.	Number of hogs assessed May, 1887.	Number marketed, 1887.	Average live weight—pounds.	Total live weight—pounds.	Average value per cwt.—live weight.	Total value, live weight.	Supply on hand Dec. 1, 1887, compared with Dec. 1, 1886.	Price per cwt. Dec. 1, 1887—live weight
Adams.....	53,761	44,622	223	9,950,706	\$4 35	\$432,866	85	\$4 75
Alexander.....	*1,875	1,556	190	295,640	5 50	16,260	100	4 50
Bond.....	13,074	10,851	184	1,996,584	3 75	74,872	59	4 15
Boone.....	21,313	17,690	206	3,644,140	4 00	145,766	78	4 70
Brown.....	24,654	20,463	217	5,054,361	4 10	207,229	62	4 80
Bureau.....	55,925	46,418	268	12,440,024	4 20	522,481	72	4 70
Calhoun.....	10,573	8,775	202	1,772,550	4 60	81,537	88	4 25
Carroll.....	51,501	42,746	275	11,755,150	4 10	481,961	82	4 85
Cass.....	19,177	15,917	247	3,931,499	4 15	183,157	87	4 45
Champaign.....	72,846	60,462	217	13,120,254	4 20	551,051	75	4 50
Christian.....	55,930	46,422	207	9,609,354	4 10	393,983	61	4 50
Clark.....	70,912	58,857	194	11,418,258	4 10	468,148	57	4 35
Clay.....	12,291	10,201	156	1,591,356	3 55	56,493	75	4 25
Clinton.....	16,477	13,676	240	3,282,240	4 00	131,290	80	4 25
Coles.....	29,857	24,781	208	5,154,448	4 05	208,755	74	4 40
Cook.....	14,130	11,728	208	2,439,424	4 65	113,433	88	4 90
Crawford.....	16,783	13,930	206	2,869,580	3 90	111,914	36	4 20
Cumberland.....	13,464	11,174	176	1,966,624	3 85	75,715	26	4 35
DeKalb.....	56,637	47,009	267	12,551,403	4 15	520,883	92	4 50
DeWitt.....	32,099	26,642	209	5,568,178	3 85	214,375	67	4 50
Douglas.....	27,177	22,557	230	5,183,110	4 25	220,495	77	4 50
DuPage.....	13,068	10,846	212	2,299,352	4 25	97,722	53	4 60
Edgar.....	43,437	36,053	245	8,832,985	4 10	362,152	76	4 65
Edwards.....	8,960	7,437	210	1,561,770	4 50	70,800	50	4 75
Effingham.....	17,060	14,160	212	3,001,920	3 85	115,574	54	4 25
Fayette.....	21,576	17,908	187	3,348,986	3 55	118,882	44	3 60
Ford.....	19,839	16,466	300	4,939,800	4 25	209,941	58	4 45
Franklin.....	15,800	13,114	212	2,780,168	3 60	100,086	53	4 00
Fulton.....	91,637	76,039	251	19,090,809	4 00	763,632	84	4 45
Gallatin.....	8,014	6,652	183	1,217,316	3 65	44,432	80	4 35
Greene.....	23,729	19,695	225	4,431,375	4 00	177,255	75	4 50
Grundy.....	14,074	11,681	*257	3,002,017	*4 30	129,087	*73	*4 60
Hamilton.....	13,444	11,158	175	1,952,650	3 70	72,248	39	4 20
Hancock.....	48,774	40,482	245	9,918,090	3 85	381,846	77	4 70
Hardin.....	4,791	3,976	200	795,200	3 75	29,820	67	4 10
Henderson.....	26,733	22,188	233	5,169,804	3 90	201,622	47	4 50
Henry.....	82,574	68,536	243	16,654,248	4 10	682,824	57	4 95
Iroquois.....	69,634	57,796	267	15,431,532	4 55	702,135	81	4 70
Jackson.....	3,197	2,653	250	663,250	4 00	26,530	95	4 00
Jasper.....	16,819	13,960	215	3,001,400	3 95	118,555	51	4 20
Jefferson.....	14,318	11,384	220	2,614,480	4 00	104,579	60	4 15
Jersey.....	24,574	20,396	219	4,466,724	4 30	192,069	67	4 85
Jo Daviess.....	45,339	37,631	240	9,031,440	4 10	370,289	42	4 85
Johnson.....	9,722	8,069	222	1,791,318	3 95	70,757	75	4 05
Kane.....	26,713	22,172	268	5,942,096	4 25	252,539	71	4 90
Kankakee.....	22,895	19,003	240	4,560,720	4 35	198,391	86	4 50
Kendall.....	22,956	19,053	247	4,706,091	4 45	209,421	70	4 75
Knox.....	75,206	62,381	248	15,470,488	4 20	649,760	73	4 60
Lake.....	13,662	11,339	200	2,267,800	3 50	79,373	30	4 40
LaSalle.....	77,723	64,510	177	17,869,270	4 35	777,313	71	4 70
Lawrence.....	17,554	14,570	177	2,578,890	3 95	101,866	77	4 60
Lee.....	33,736	28,001	231	6,468,231	4 20	271,666	84	4 70



## HOG PRODUCT—Continued.

COUNTIES.	Number of hogs as- sessed May, 1887. †	Number marketed, 1887.	Average live weight —pounds.	Total live weight— pounds.	Average value per cwt.—live weight.	Total value, live weight.	Supply on hand Dec. 1, 1887, compared with Dec. 1, 1886.	Price per cwt. Dec. 1, 1887—live weight.
Livingston .....	71,354	59,224	298	17,648,752	\$3 95	\$697,126	46	\$4 55
Logan .....	64,251	53,328	230	12,265,440	4 00	490,618	1 00	4 55
Macon.....	54,706	45,406	243	11,033,658	4 15	457,897	75	4 50
Macoupin.. ..	55,768	46,287	206	9,535,122	4 15	395,707	52	4 60
Madison... ..	41,293	34,273	212	7,265,876	4 15	301,534	67	4 40
Marion.....	14,418	11,967	211	2,525,037	3 50	88,376	61	3 85
Marshall.....	40,893	33,941	254	8,621,014	4 25	366,393	73	5 00
Mason .....	13,228	10,979	180	1,976,220	4 00	79,049	80	4 50
Massac .....	8,287	6,878	182	1,251,996	3 50	43,813	95	3 50
McDonough.....	21,509	18,852	185	3,302,620	3 85	127,151	67	4 40
McHenry.....	30,860	25,614	206	5,276,484	3 95	208,421	75	4 50
McLean.. ..	114,723	95,220	230	21,900,600	4 05	886,974	70	4 55
Menard.....	**25,149	20,874	238	4,968,012	4 10	203,688	70	4 45
Mercer .....	57,682	47,876	227	10,867,852	3 95	429,280	48	4 50
Monroe.....	10,325	8,570	210	1,799,700	5 00	89,985	80	5 25
Montgomery.....	45,239	37,548	208	7,803,984	4 05	316,304	55	4 30
Morgan.....	19,558	16,173	237	3,833,001	4 25	162,902	60	4 45
Moultrie.....	13,307	11,045	212	2,341,540	3 85	90,149	80	4 50
Ogle.....	57,404	47,646	217	10,339,182	4 10	423,906	80	4 90
Peoria .....	63,245	52,493	292	15,327,956	4 35	666,766	40	4 90
Perry.....	6,171	5,122	177	906,594	3 75	33,997	52	4 00
Piatt.....	24,216	20,099	210	4,220,790	3 90	164,611	90	4 50
Pike.....	44,070	36,578	227	8,303,206	4 20	348,735	75	4 50
Pope.....	8,798	7,302	187	1,365,474	4 25	58,033	67	3 50
Pulaski .....	5,060	4,200	172	722,400	4 20	30,341	1 10	4 25
Putnam.....	11,109	9,220	232	2,600,040	4 35	113,102	80	4 85
Randolph.....	18,460	15,322	180	2,757,960	3 25	89,634	80	4 40
Richland.....	14,822	12,302	220	2,706,440	4 10	110,964	45	4 75
Rock Island.....	24,392	20,245	248	5,020,760	4 15	208,361	71	4 85
Saline.....	14,109	11,710	177	2,072,670	3 60	74,616	90	4 00
Sangamon.....	78,063	64,792	210	13,606,320	4 15	564,662	56	4 70
Schuyler.....	35,813	29,725	220	6,539,500	4 50	294,277	80	4 80
Scott.....	10,659	8,847	225	1,990,575	4 25	84,599	85	4 65
Shelby.....	41,533	34,472	230	7,928,560	3 90	309,214	40	4 15
Stark .....	34,938	28,998	254	7,365,492	4 10	301,985	65	4 85
St. Clair.....	26,977	22,391	200	4,478,200	4 00	179,128	1 00	4 00
Stephenson.....	61,203	50,598	244	12,394,712	4 45	551,565	61	4 75
Tazewell.....	38,414	31,884	250	7,971,000	4 10	326,811	87	4 90
Union .....	13,187	10,945	140	1,532,300	3 50	53,630	50	4 00
Vermilion.....	56,427	46,834	225	10,537,650	4 15	437,312	70	4 40
Wabash .....	11,644	9,664	185	1,787,840	4 00	71,514	77	4 65
Warren.....	82,114	68,155	232	15,811,960	4 10	648,200	73	4 60
Washington.....	12,939	10,759	194	2,083,366	3 65	76,043	81	3 90
Wayne.....	19,506	16,190	160	2,590,400	3 65	94,550	50	4 25
White.....	29,988	24,890	192	4,778,880	4 10	195,934	55	4 70
Whiteside .....	54,250	45,027	225	10,131,075	4 25	430,571	82	4 65
Will.....	23,354	19,384	225	4,361,400	4 30	187,540	92	4 55
Williamson.....	8,400	6,972	190	1,324,680	3 50	46,364	70	4 00
Winnebago.....	34,795	28,881	260	7,509,060	4 05	304,117	41	4 75
Woodford .....	46,691	38,753	240	9,300,720	4 25	395,281	72	4 90
Total or average.....	3,313,317	2,749,941	231	636,049,783	\$4 10	\$26,187,640	69	\$4 45

\* Estimated.

\*\* Estimated same as in 1886.

† Eighty-three per cent. of number assessed.

## FAT SHEEP.

COUNTIES.	Number of sheep as- sessed May 1, 1887.	Number marketed 1887.	Average live weight. pounds.	Total live weight, pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1887, compared with Dec. 1, 1886.	Price per cwt., Dec. 1, 1887, live weight.
Adams .....	13,796	3,035	110	333,850	\$3 50	\$11,685	75	\$3 50
Alexander .....	*565	124	160	19,840	2 00	397	1 00	2 00
Bond .....	11,653	2,564	93	238,452	3 05	7,273	70	2 80
Boone .....	6,360	1,399	128	179,072	3 35	5,999	72	3 65
Brown .....	9,616	2,115	92	194,580	3 10	6,032	37	6 60
Bureau .....	6,158	1,355	175	237,125	2 75	6,521	95	3 00
Calhoun .....	1,280	282	120	33,840	3 25	1,100	75	*3 25
Carroll .....	1,970	433	100	43,300	*2 95	1,277	25	3 50
Cass .....	1,342	295	100	29,500	3 75	1,106	60	3 25
Champaign .....	10,747	2,364	103	243,492	2 75	6,696	85	3 00
Christian .....	13,428	2,954	102	301,308	3 20	9,642	82	3 35
Clark .....	11,361	2,499	96	239,904	2 95	7,077	75	3 15
Clay .....	7,740	1,703	89	151,567	2 50	3,789	64	2 95
Clinton .....	7,123	1,567	80	125,360	3 00	3,761	1 00	3 00
Coles .....	6,253	1,376	108	148,608	3 10	4,607	83	3 20
Cook .....	2,056	452	100	45,200	4 00	1,808	1 00	3 75
Crawford .....	13,695	3,013	96	289,248	2 80	8,099	51	3 15
Cumberland .....	3,076	677	107	72,439	3 45	2,496	85	2 70
DeKalb .....	4,815	1,059	96	102,723	2 85	2,930	90	3 75
DeWitt .....	11,502	2,552	81	206,712	3 75	7,752	47	4 00
Douglas .....	4,744	1,044	95	99,180	3 25	3,223	90	3 35
DuPage .....	2,848	626	90	56,340	4 00	2,254	95	4 50
Edgar .....	15,771	3,470	115	399,050	3 25	12,969	87	3 75
Edwards .....	9,030	1,987	95	188,765	2 90	5,474	90	3 00
Effingham .....	5,836	1,284	97	124,548	2 50	3,114	61	2 35
Fayette .....	12,906	2,839	85	241,315	2 75	6,636	1 00	2 85
Ford .....	2,362	520	125	65,000	2 50	1,625	65	3 25
Franklin .....	4,542	999	87	86,913	2 25	1,955	75	2 35
Fulton .....	17,780	3,912	95	371,640	3 75	13,936	90	3 75
Gallatin .....	1,390	306	125	38,250	4 00	1,530	1 00	3 00
Greene .....	6,835	1,504	110	165,440	*3 30	5,459	*44	*3 35
Grundy .....	1,696	373	*100	37,300	*3 60	1,373	*91	*3 65
Hamilton .....	6,649	1,460	92	134,320	2 25	3,022	49	2 10
Hancock .....	6,049	1,331	100	133,100	*3 30	4,392	*77	*3 35
Hardin .....	1,447	318	97	30,846	3 00	925	80	4 00
Henderson .....	1,408	310	90	27,900	*3 20	893	*77	*3 30
Henry .....	6,516	1,433	105	150,465	3 35	5,040	74	3 35
Iroquois .....	6,246	1,374	105	144,270	2 50	3,607	85	3 00
Jackson .....	3,554	782	100	78,200	3 00	2,346	1 00	3 00
Jasper .....	14,739	3,242	97	314,474	2 35	7,290	70	2 50
Jefferson .....	11,212	2,467	125	308,375	2 50	7,709	76	2 75
Jersey .....	5,734	1,271	100	126,100	3 85	4,855	75	3 75
JoDavies .....	7,007	1,541	90	138,690	2 75	3,814	40	3 00
Johnson .....	2,874	632	110	69,520	3 10	2,155	80	3 75
Kane .....	8,014	1,763	90	158,670	3 75	5,950	90	3 85
Kankakee .....	3,626	798	100	79,800	3 50	2,793	1 00	4 00
Kendall .....	6,340	1,395	85	118,575	3 50	4,150	90	3 50
Knox .....	6,713	1,477	129	190,533	3 45	6,573	79	3 55
Lake .....	35,522	7,815	95	742,425	3 50	25,985	60	3 00
LaSalle .....	10,388	2,285	75	171,375	3 45	5,912	90	3 50
Lawrence .....	8,929	1,964	105	206,220	2 75	5,671	80	2 85
Lee .....	2,911	640	117	74,880	3 10	2,321	80	3 00



## FAT SHEEP—Continued.

COUNTIES.	Number of sheep as- sessed May 1, 1887.	†Number marketed 1887.	Average live weight, pounds.	Total live weight, pounds.	Average value per cwt., live weight.	Total value.	Supply on hand Dec. 1, 1887, compared with Dec. 1, 1886.	Prices per cwt., Dec. 1, 1887, live weight.
Livingston .....	1,536	1,628	114	193,486	3 05	6,110	83	3 15
Logan.....	6,312	1,389	90	125,010	*3 05	3,813	*82	*3 50
Macon.....	6,058	1,333	111	147,963	3 55	5,253	92	3 75
Macoupin.....	31,570	6,945	90	625,050	3 15	19,689	57	3 30
Madison.....	7,757	1,706	117	199,602	3 15	6,287	85	4 00
Marion.....	11,344	2,496	82	204,672	3 10	6,345	59	2 70
Marshall.....	4,737	1,042	90	93,780	3 00	2,813	80	3 50
Mason.....	486	107	100	10,700	*3 30	353	*81	*3 35
Massac.....	1,082	238	75	17,850	3 00	535	75	3 00
McDonough.....	1,055	232	110	25,520	2 90	740	80	3 00
McHenry ... ..	24,078	5,297	72	381,384	2 50	9,535	60	2 85
McLean.....	20,732	4,561	100	456,100	3 05	14,011	93	3 65
Menard .....	**3,753	826	110	90,860	3 25	2,953	82	3 25
Mercer.....	4,114	905	103	93,215	3 40	3,169	75	3 50
Monroe.....	1,543	339	90	30,510	*2 85	869	*86	*3 60
Montgomery.....	16,235	3,572	100	357,200	3 00	10,716	72	3 10
Morgan.....	6,821	1,501	110	165,110	3 25	5,366	75	3 50
Moultrie .....	1,989	437	93	40,641	3 00	1,219	93	3 10
Ogle .....	4,830	1,063	115	122,245	3 10	3,789	105	3 00
Peoria.....	7,181	1,580	116	183,280	3 35	6,140	52	3 60
Perry.....	2,980	656	95	62,320	2 50	1,558	77	3 00
Piatt.....	2,625	577	97	55,969	3 25	1,819	97	3 25
Pike.....	15,550	341	100	34,100	3 00	1,023	90	2 75
Pope .. .	3,896	857	100	85,700	2 00	1,714	92	2 25
Pulaski.....	1,347	296	106	31,376	3 75	11,766	101	3 20
Putnam.....	2,384	524	110	57,640	3 25	1,874	100	3 25
Randolph.....	6,875	1,512	100	151,200	*2 80	4,134	100	*3 30
Richland.....	15,400	3,388	95	321,860	2 75	8,851	60	2 85
Rock Island.....	2,267	499	117	58,383	4 00	2,335	62	4 25
Saline.....	4,389	965	100	96,500	2 25	2,171	90	2 25
Sangamon .....	16,078	3,537	108	381,996	3 25	12,415	77	3 50
Schuyler... ..	4,681	1,030	92	94,760	3 50	3,317	75	3 50
Scott.....	1,609	354	122	43,188	3 25	1,404	75	3 60
Shelby.....	20,729	4,560	110	501,600	3 50	17,556	100	3 50
Stark.....	4,553	1,002	117	117,234	3 50	4,103	93	3 60
St. Clair.....	5,224	1,149	110	126,390	*2 95	3,728	*86	*3 55
Stephenson.....	5,898	1,297	80	103,760	3 00	3,112	78	3 20
Tazewell.....	7,710	1,696	100	169,600	2 50	4,240	100	3 00
Union.....	4,248	934	120	112,080	*2 95	3,309	75	4 00
Vermilion.....	19,587	4,307	110	473,770	3 50	1,445	80	*4 35
Wabash.....	5,379	1,183	100	118,300	2 65	3,135	72	3 00
Warren .....	5,089	1,119	100	111,900	*3 30	3,993	*80	*3 40
Washington.....	5,821	1,218	97	124,257	2 85	3,541	73	3 60
Wayne.....	16,937	3,660	77	281,820	2 35	5,623	62	2 50
White.....	5,130	1,129	101	114,029	2 60	2,965	72	2 55
Whiteside.....	4,754	1,046	100	104,600	*3 20	3,347	*73	*3 35
Will .. .	3,427	754	96	67,860	4 30	2,918	90	4 00
Williamson .....	4,910	1,089	95	102,600	2 30	2,360	69	2 80
Winnebago.....	5,690	1,252	80	100,160	3 25	3,255	87	2 35
Woodford.....	17,401	3,828	102	390,456	3 65	14,252	107	3 65
Total or average .....	777,716	168,010	99	16,668,685	\$3 05	\$511,765	79	\$3 25

\* Estimated.

\*\* Estimated same as in 1886.

† Twenty-two per cent. of number assessed.

## WOOL.

COUNTIES.	Number of pounds shorn in 1886—As- sessors' returns.	Clip of 1887, com- pared with 1886.	Number of pounds shorn in 1887.	Price per pound.	Value of product.
Adams .....	58,809	103	60,573	\$0 22	\$13,326
Alexander.....	+937	107	1,002	40	401
Bond.....	45,392	100	45,392	23	10,440
Boone.....	37,957	81	30,745	30	9,223
Brown.....	37,533	95	35,656	20	7,131
Bureau.....	34,254	90	30,829	22	6,782
Calhoun.....	3,230	95	3,068	25	767
Carroll.....	8,937	80	7,150	20	1,430
Cass.....	5,672	92	5,218	*22	1,148
Champaign.....	49,197	105	51,657	22	11,364
Christian.....	68,270	100	68,270	24	16,385
Clark.....	38,763	104	40,313	25	10,078
Clay.....	39,297	73	22,117	25	5,529
Clinton.....	30,273	110	33,300	22	7,326
Coles.....	25,528	98	25,017	22	5,504
Cook.....	8,454	100	8,454	27	2,282
Crawford.....	51,882	97	50,325	23	11,575
Cumberland.....	11,590	91	10,638	26	2,766
DeKalb.....	24,875	95	23,631	32	7,562
DeWitt.....	53,367	88	46,963	25	11,741
Douglas.....	22,959	100	22,959	24	5,510
DuPage.....	14,484	90	13,036	20	2,607
Edgar.....	53,697	97	52,086	20	10,417
Edwards.....	38,543	*94	36,230	25	9,420
Effingham.....	19,056	100	19,056	23	4,383
Fayette.....	55,751	97	54,078	21	11,356
Ford.....	10,309	105	10,824	*24	2,598
Franklin.....	15,135	94	14,227	32	4,553
Fulton.....	87,914	97	85,276	21	17,908
Gallatin.....	5,590	*91	5,087	40	2,035
Greene.....	37,890	93	35,238	*23	8,105
Grundy.....	8,639	100	8,639	*25	2,160
Hamilton.....	21,930	89	19,518	33	6,441
Hancock.....	24,091	97	23,368	21	4,907
Hardin.....	5,385	92	4,954	27	1,337
Henderson.....	6,869	100	6,869	28	1,923
Henry.....	42,191	100	42,191	24	10,126
Iroquois.....	24,224	99	23,982	25	5,995
Jackson.....	12,675	110	13,942	30	4,183
Jasper.....	35,688	95	33,904	25	8,476
Jefferson.....	43,466	85	36,946	22	8,128
Jersey.....	22,628	*99	20,365	20	4,073
Jo Daviess.....	36,209	97	35,122	20	7,024
Johnson.....	12,649	94	11,890	32	3,805
Kane.....	41,460	89	36,899	23	8,487
Kankakee.....	16,522	97	16,026	25	4,006
Kendall.....	25,089	97	24,336	27	6,571
Knox.....	31,462	91	28,630	23	6,585
Lake.....	197,321	87	171,667	28	48,067
LaSalle.....	46,712	100	46,712	20	9,343
Lawrence.....	29,137	95	27,688	21	5,813
Lee.....	10,724	78	8,365	22	1,840



## WOOL—Continued.

COUNTIES.	Number of pounds shorn in 1886—As- sessors' returns.	Clip of 1887, com- pared with 1886.	Number of pounds shorn in 1887.	Price per pound.	Value of product.
Livingston.....	30,714	91	27,950	\$0 21	\$5,869
Logan.....	30,680	100	30,680	*25	7,670
Macon.....	27,350	97	26,529	23	6,102
Macoupin.....	102,474	96	98,375	26	25,577
Madison.....	43,765	77	33,699	20	6,740
Marion.....	46,005	80	36,804	23	8,465
Marshall.....	29,998	90	26,998	18	4,860
Mason.....	615	*97	596	*23	137
Massac.....	2,679	85	2,227	30	683
McDonough.....	7,007	77	5,395	25	1,349
McHenry.....	128,976	95	122,527	27	33,082
McLean....	97,039	94	91,217	24	21,892
Menard.....	†18,285	97	17,736	23	4,079
Mercer.....	19,181	92	17,646	22	3,882
Monroe.....	5,937	*94	5,581	24	1,339
Montgomery.....	70,814	101	71,522	24	17,165
Morgan.....					
Moultrie.....	7,842	100	7,842	24	1,882
Ogle.....	25,511	100	25,511	27	6,888
Peoria....	79,712	92	73,335	21	15,400
Perry.....	9,633	100	9,633	26	2,504
Piatt.....	5,808	102	5,924	18	1,066
Pike.....	61,627	98	60,334	25	15,083
Pope....	13,989	93	13,010	30	3,903
Pulaski.....	4,376	100	4,376	26	1,138
Putnam.....	12,871	105	13,514	*20	2,703
Randolph.....	37,538	100	31,538	25	9,384
Richland.....	61,711	92	56,774	25	14,193
Rock Island ..	12,560	90	11,304	28	3,165
Saline.....	19,476	85	16,555	32	5,298
Sangamon....	60,418	92	55,584	25	13,896
Schuyler.....	33,155	97	32,160	18	5,789
Scott....	7,786	93	7,241	25	1,810
Shelby.....	67,286	101	67,959	18	12,233
Stark.....	23,296	102	23,762	22	5,228
St. Clair.....	21,665	80	16,852	*23	3,876
Stephenson ..	28,000	98	27,440	20	5,488
Tazewell.....	36,808	99	36,440	28	10,203
Union.....	13,973	*99	13,833	30	4,150
Vermilion... .	95,066	101	96,017	25	24,004
Wabash.....	15,892	87	13,826	22	3,042
Warren....	21,894	92	20,142	24	4,834
Washington...	20,081	101	20,282	28	5,678
Wayne.....	57,270	100	57,270	23	13,172
White.....	18,610	97	18,052	27	4,874
Whiteside.....	842	100	842	*24	202
Will.....	24,115	97	23,391	33	7,719
Williamson.....	17,357	84	14,580	37	5,395
Winnebago.....	31,453	83	26,106	23	6,004
Woodford... .	16,749	1 00	16,749	21	3,517
Total or average.....	3,307,005	95	3,130,132	\$0 24	\$753,554

\* Estimated.

† Estimated same as in 1885.

HORSES.

COUNTIES.	NUMBER COLTS FOALED.					No. horses and colts May, 1882.	No. horses and colts May, 1883.	No. horses and colts May, 1884.	No. horses and colts May, 1885.	No. horses and colts May, 1886.	No. horses and colts May, 1887.
	1882.	1883.	1884.	1885.	1886.						
Adams .....	866	899	1, 136	1, 500	1, 361	12, 132	11, 836	10, 699	11, 468	12, 346	12, 039
Alexander .....	52	236	47	66	*66	1, 233	1, 211	574	649	782	*782
Bond .....	480	677	938	868	901	5, 715	5, 537	6, 446	6, 760	6, 521	6, 241
Boone .....	566	690	784	735	812	5, 852	6, 057	5, 746	5, 954	5, 822	6, 036
Brown .....	734	428	480	659	715	4, 324	4, 409	5, 257	5, 199	5, 018	5, 711
Bureau .....	1, 782	2, 116	2, 445	2, 647	2, 892	15, 675	16, 458	15, 597	15, 833	18, 242	17, 214
Calhoun .....	54	80	128	121	168	2, 071	2, 016	1, 284	1, 942	1, 735	1, 879
Carroll .....	712	771	1, 192	1, 181	1, 297	7, 938	8, 095	6, 924	8, 774	8, 728	9, 046
Cass .....	335	371	496	483	641	4, 199	4, 729	4, 235	4, 970	4, 897	4, 990
Champaign .....	1, 612	1, 514	2, 299	2, 476	2, 727	17, 734	17, 831	17, 834	18, 113	19, 970	20, 485
Christian .....	1, 091	1, 271	1, 861	1, 790	1, 767	12, 976	12, 738	13, 319	14, 439	13, 660	13, 297
Clark .....	382	436	657	660	719	6, 147	5, 924	5, 198	5, 270	5, 793	5, 504
Clay .....	.....	.....	547	660	641	4, 750	4, 906	5, 191	4, 913	3, 903	4, 677
Clinton .....	419	526	621	628	691	4, 849	5, 057	5, 749	6, 304	6, 389	6, 521
Coles .....	734	767	848	1, 096	1, 068	9, 407	9, 557	7, 783	6, 291	8, 039	7, 631
Cook .....	834	917	922	1, 008	855	35, 036	34, 616	10, 742	9, 616	9, 648	9, 948
Crawford .....	415	375	638	543	573	4, 977	4, 153	4, 872	4, 672	4, 298	4, 277
Cumberland .....	319	369	466	364	392	4, 073	4, 294	3, 972	3, 019	3, 622	3, 269
DeKalb .....	1, 351	1, 616	1, 848	1, 989	2, 130	14, 043	14, 345	13, 816	13, 958	14, 875	14, 393
DeWitt .....	515	821	1, 215	1, 497	1, 434	7, 970	7, 838	7, 990	8, 316	8, 463	7, 859
Douglas .....	565	703	914	737	975	8, 303	7, 789	6, 142	7, 225	7, 707	7, 971
DuPage .....	438	570	616	737	942	6, 117	5, 820	5, 208	4, 980	5, 219	5, 682
Edgar .....	991	1, 034	1, 405	1, 399	1, 577	11, 048	11, 003	11, 531	12, 440	11, 270	12, 029
Edwards .....	170	259	300	293	307	3, 051	3, 057	3, 002	2, 703	2, 928	2, 737
Effingham .....	323	465	502	502	627	5, 039	5, 365	5, 488	5, 389	5, 545	5, 867
Fayette .....	522	594	782	921	1, 012	6, 151	9, 219	8, 721	5, 936	7, 505	8, 002
Ford .....	720	696	881	905	1, 128	6, 336	6, 550	6, 667	6, 834	6, 831	8, 031
Franklin .....	53	*53	152	510	585	3, 605	3, 971	3, 583	1, 242	3, 839	4, 331
Fulton .....	1, 695	1, 837	2, 104	2, 221	2, 498	15, 738	15, 944	14, 505	15, 532	15, 898	14, 964
Gallatin .....	400	395	635	732	161	3, 039	3, 077	3, 008	5, 214	5, 548	1, 438
Greene .....	724	830	922	1, 095	1, 129	7, 320	8, 151	7, 861	8, 446	8, 704	8, 610
Grundy .....	653	725	936	1, 008	1, 188	8, 313	7, 939	7, 005	7, 504	8, 139	7, 697
Hamilton .....	27	356	381	729	693	4, 651	4, 814	3, 418	4, 885	5, 001	4, 975
Hancock .....	1, 275	1, 354	1, 763	2, 013	2, 112	15, 326	14, 868	12, 906	13, 792	13, 775	14, 176
Hardin .....	57	35	130	135	126	1, 213	1, 356	1, 694	1, 283	1, 215	1, 079
Henderson .....	717	*717	1, 082	852	889	6, 259	6, 270	6, 452	7, 219	6, 456	6, 244
Henry .....	1, 742	1, 772	2, 118	2, 133	2, 677	19, 070	18, 749	17, 215	16, 430	16, 251	17, 458
Iroquois .....	1, 880	2, 048	2, 451	2, 718	2, 948	20, 128	20, 008	19, 679	19, 824	23, 074	22, 079
Jackson .....	267	301	389	382	336	4, 122	4, 122	3, 911	3, 795	4, 186	4, 087
Jasper .....	289	367	451	455	683	5, 312	5, 248	4, 407	4, 068	4, 693	5, 383
Jefferson .....	438	532	769	646	891	9, 819	6, 519	6, 242	5, 904	6, 396	6, 636



Jersey.....	277	*277	414	584	653	5, 104	5, 024	2, 501	5, 366	5, 476	5, 756
Jo Daviess.....	1, 011	1, 065	1, 186	1, 067	1, 284	9, 298	9, 539	9, 139	9, 762	8, 235	10, 048
Johnson.....	190	183	280	260	286	2, 264	2, 462	1, 684	2, 630	2, 637	2, 294
Kane.....	737	904	953	984	1, 192	11, 463	11, 829	8, 973	9, 458	9, 084	10, 162
Kankakee.....	732	767	1, 157	1, 493	1, 640	7, 554	7, 600	13, 064	7, 458	8, 475	10, 396
Kendall.....	285	447	660	802	1, 897	7, 188	6, 677	6, 507	7, 148	7, 452	7, 798
Knox.....	1, 845	1, 863	2, 381	2, 685	2, 793	15, 562	16, 474	15, 585	16, 860	16, 278	17, 429
Lake.....	.....	1, 630	743	844	823	6, 686	6, 789	5, 714	6, 148	6, 480	6, 359
Lasalle.....	1, 730	2, 987	3, 532	4, 557	3, 611	26, 996	25, 857	22, 297	23, 359	26, 189	26, 423
Lawrence.....	225	249	410	458	475	4, 328	4, 347	4, 013	4, 809	4, 597	4, 762
Lee.....	.....	.....	1, 175	*1, 175	1, 475	11, 629	12, 316	*12, 316	11, 855	11, 855	11, 266
Livingston.....	1, 955	2, 289	2, 797	3, 347	3, 535	22, 141	22, 423	22, 661	23, 444	24, 640	25, 077
Logan.....	979	1, 161	1, 521	1, 594	1, 716	11, 683	11, 696	11, 706	12, 479	12, 964	13, 520
Macon.....	1, 060	1, 198	1, 486	1, 452	1, 812	11, 938	12, 117	12, 344	12, 383	13, 298	13, 493
Macoupin.....	1, 137	1, 300	1, 722	2, 033	2, 054	15, 578	15, 675	14, 281	14, 303	14, 832	21, 123
Madison.....	876	1, 737	1, 168	1, 531	1, 289	20, 263	10, 113	9, 766	11, 868	11, 080	11, 006
Marion.....	420	298	609	719	936	6, 557	7, 158	6, 070	6, 436	5, 639	7, 526
Marshall.....	.....	*561	905	1, 096	1, 242	7, 072	7, 082	*7, 082	6, 783	7, 906	8, 173
Mason.....	.....	.....	.....	1, 489	490	5, 022	4, 392	*4, 392	*4, 393	4, 774	4, 116
Massac.....	59	100	169	142	158	1, 518	1, 450	1, 238	1, 804	2, 265	2, 371
McDonough.....	1, 440	*1, 440	*1, 440	618	753	13, 779	13, 566	9, 589	*9, 589	4, 137	4, 780
McHenry.....	1, 039	1, 188	1, 956	1, 482	1, 636	11, 495	11, 656	11, 037	11, 264	11, 905	12, 273
McLean.....	2, 974	3, 283	3, 558	4, 755	4, 517	36, 547	26, 175	26, 826	24, 311	27, 715	27, 799
Menard.....	312	550	550	565	*565	3, 760	3, 866	4, 520	4, 465	4, 033	*4, 033
Mercer.....	1, 434	1, 618	1, 944	2, 170	2, 390	11, 755	11, 473	11, 752	12, 538	13, 412	14, 213
Monroe.....	148	139	163	185	2, 390	2, 904	2, 823	3, 606	3, 551	3, 625	3, 527
Montgomery.....	926	2, 145	1, 571	1, 621	1, 841	12, 437	12, 698	13, 150	10, 891	13, 268	14, 440
Morgan.....	.....	*532	.....	.....	.....	6, 657	6, 531	*6, 531	6, 289	6, 476	6, 602
Moultrie.....	590	593	692	677	629	6, 664	6, 632	4, 659	5, 162	5, 063	3, 945
Ogle.....	1, 202	1, 645	2, 199	2, 188	2, 141	16, 574	16, 316	15, 376	18, 954	16, 011	14, 653
Peoria.....	890	1, 053	1, 184	1, 291	1, 260	12, 809	12, 651	16, 463	10, 057	10, 194	11, 148
Perry.....	137	*137	246	270	310	3, 254	3, 419	2, 381	3, 188	3, 039	3, 051
Piatt.....	678	416	480	750	856	8, 773	8, 574	5, 006	5, 017	6, 870	7, 475
Pike.....	630	618	851	1, 085	1, 314	10, 376	10, 232	7, 599	8, 438	9, 184	11, 540
Pope.....	233	*223	335	307	326	2, 786	2, 750	2, 395	2, 659	2, 802	2, 567
Pulaski.....	54	139	98	208	213	1, 102	1, 171	1, 260	1, 225	1, 363	1, 883
Putnam.....	265	458	531	570	648	3, 130	3, 012	3, 359	3, 332	3, 835	3, 838
Randolph.....	423	498	433	646	727	6, 218	6, 231	6, 272	6, 080	6, 325	6, 336
Richland.....	253	280	393	452	604	4, 857	3, 664	3, 594	3, 496	4, 490	4, 508
Rock Island.....	960	901	887	971	1, 178	8, 254	7, 654	6, 128	6, 771	7, 373	7, 718
Saline.....	237	167	*167	374	507	2, 846	3, 165	1, 960	*1, 960	2, 885	3, 912
Sangamon.....	1, 561	1, 719	2, 320	2, 545	2, 475	18, 151	17, 315	15, 221	16, 603	15, 628	17, 765
Schuyler.....	647	740	908	1, 098	1, 113	6, 908	6, 684	6, 485	6, 356	7, 050	7, 856
Scott.....	213	141	210	304	210	3, 999	4, 811	1, 396	13, 124	2, 237	1, 769
Shelby.....	900	896	*896	1, 703	1, 506	13, 730	13, 634	10, 859	*10, 859	13, 721	11, 623
Stark.....	687	772	642	1, 076	1, 311	7, 009	6, 880	6, 079	7, 367	8, 244	7, 665
St. Clair.....	635	810	.....	831	996	7, 274	7, 433	9, 383	9, 115	9, 465	11, 515
Stephenson.....	1, 082	1, 125	1, 079	1, 217	1, 373	11, 470	11, 714	11, 317	10, 184	7, 735	10, 828
Tazewell.....	1, 175	1, 294	1, 558	1, 492	1, 823	10, 359	11, 801	10, 952	10, 867	11, 141	11, 691
Union.....	276	184	200	341	300	4, 046	4, 020	2, 414	2, 407	3, 631	3, 728
Vermilion.....	1, 460	1, 371	1, 843	2, 212	2, 520	17, 429	17, 224	13, 979	14, 949	15, 799	17, 177

## HORSES—Continued.

COUNTIES.	NUMBER COLTS FOALED.					No. horses and colts May, 1882.	No. horses and colts May, 1883.	No. horses and colts May, 1884.	No. horses and colts May, 1885.	No. horses and colts May, 1886.	No. horses and colts May, 1887.
	1882.	1883.	1884.	1885.	1886.						
Wabash .....	184	90	157	194	274	2,474	2,269	2,390	2,511	1,901	3,189
Warren .....	1,733	2,128	2,571	2,374	2,625	12,768	12,990	13,700	14,603	14,528	16,594
Washington .....	1,518	724	900	945	966	5,918	6,740	7,073	7,261	7,145	7,517
Wayne .....	246	469	780	752	852	6,202	6,034	5,345	5,728	6,597	7,226
White .....	286	264	338	458	503	5,405	5,236	4,660	4,315	4,254	5,311
Whiteside .....	1,221	1,288	2,203	2,139	2,091	13,218	12,910	10,617	12,224	13,550	13,950
Will .....	1,400	377	1,589	2,336	1,868	15,021	15,040	12,588	13,829	13,637	14,380
Williamson .....	262	230	426	415	410	3,769	3,961	2,866	3,395	4,095	2,418
Winnebago .....	929	1,315	1,032	1,220	1,403	10,367	10,743	9,217	9,433	10,048	9,992
Woodford .....	1,037	1,020	1,408	1,371	1,553	11,147	10,763	9,746	10,574	11,248	11,178
Total .....	71,843	81,618	104,448	115,776	122,492	913,005	915,136	829,367	856,561	882,740	914,026

\*Estimated.



# NAMES AND POST OFFICE ADDRESS

—OF—

# CROP CORRESPONDENTS

## DEPARTMENT OF AGRICULTURE.

FOR THE YEAR 1887.

WITH DATE OF APPOINTMENT.

### ADAMS COUNTY—

1877, A. R. Wallace, Camp Point.  
1879, G. W. Dean, Adams.  
1883, H. C. Cupp, Fall Creek.  
1885, Daniel E. Robbins, Camp Point.

### ALEXANDER COUNTY—

1884, J. R. F. Standard, Elco.  
1877, Martin Brown, Thebes.

### BOND COUNTY—

1877, John V. McFarland, Reno.  
1877, C. A. Meyer, Betterton.  
1877, S. H. Challis, Pocahontas.  
1882, W. D. Henry, Beaver Creek.  
1884, E. L. Willford, Old Ripley.  
1885, J. B. Denny, Sorrento.  
1885, W. H. Taylor, Tamalco.

### BOONE COUNTY—

1877, George Reed, Belvidere.  
1877, S. C. Fox, Garden Prairie.  
1877, E. E. Moss, Belvidere.  
1882, O. S. Nichols, Garden Prairie.  
1885, Evi Sherman, Poplar Grove.  
1885, Stanley Heath, Capron.  
1886, E. L. Lawrence, Belvidere.

### BROWN COUNTY—

1877, Henry D. Ritter, Versailles.  
1878, R. T. Bratten, White Oak Springs.  
1881, A. E. Martin, Ripley.  
1886, W. T. Hersman, Hersman.

### BUREAU COUNTY—

1877, L. D. Whiting, Tiskilwa.  
1877, James F. Mallet, Milo.  
1878, J. Y. Spangler, New Bedford.  
1879, John L. Hall, Wyanet.  
1885, R. B. Frary, Princeton.  
1885, Louis Zearing, Arlington.  
1885, John S. Searl, Dupue.  
1885, C. P. Mason, Buda.  
1886, E. M. Douglas, Princeton.

### CALHOUN COUNTY—

1877, A. Smith, Hardin.  
1881, M. A. Kamp, Kampsville.  
1887, C. Lee Wood, Hamburg.  
1887, Samuel J. Merida, Mozier.

### CARROLL COUNTY—

1877, E. L. Byington, Lanark.  
1882, John Cole, Thompson.  
1882, S. Preston, Mt. Carroll.  
1884, Peter Hyzer, Shannon.  
1887, Simon Bowman, Mt. Carroll.

## CASS COUNTY—

1877, Thomas J. Crum, Virginia.  
 1877, John M. Epler, Little Indian.  
 1878, John H. Goodell, Chandlerville.  
 1878, John Beggs, Ashland.  
 1878, J. K. Clark, Bluff Springs.  
 1884, J. B. Conover, Philadelphia.  
 1885, Oliver Decker, Bluff Springs.

## CHAMPAIGN COUNTY—

1877, W. A. Conkey, Homer.  
 1885, M. F. Porterfield, Sidney.  
 1885, W. E. Dawley, Seymour.  
 1885, Eugene Christie, Seymour.  
 1885, S. J. Purnell, Mahomet.  
 1885, David Strayton, Sr., St. Joseph.

## CHRISTIAN COUNTY—

1877, J. B. White, Morrisonville.  
 1877, A. B. Herdman, Morrisonville.  
 1877, John W. Hunter, Owaneco.  
 1878, O. S. Nash, Sharpsburg.  
 1880, J. R. Hill, Edinburg.  
 1882, Peter L. Myers, Assumption.  
 1885, J. Slate, Edinburg.  
 1885, J. Will Haines, Taylorville.

## CLARK COUNTY—

1877, James B. Sheapley, Martinsville.  
 1877, F. B. Ennis, Dolson.  
 1877, R. R. Scott, Casey.  
 1880, L. B. Anderson, Darwin.  
 1880, Jerry Ishler, Martinsville.  
 1880, B. B. Tarman, Orange.

## CLAY COUNTY—

1877, W. W. Bowler, Flora.  
 1880, Theron Gould, Bible Grove.  
 1882, A. W. Bothwell, Clay City.  
 1885, Samuel Dillman, Oskaloosa.  
 1887, John R. Ryan, Xenia.

## CLINTON COUNTY—

1877, O. B. Nichols, Sr., Carlyle.  
 1878, John Burton, Trenton.

## COLES COUNTY—

1878, Thomas O'Brien, Ashmore.  
 1880, J. F. Dora, Charleston.  
 1882, E. H. Patterson, Mattoon.  
 1883, W. H. Tabler, Folger.  
 1884, Wm. Poorman, Humboldt.  
 1887, Garrett V. Millar, Mattoon.

## COOK COUNTY—

1879, Norman Powell, Orland.  
 1879, George Struckman, Bartlett.  
 1879, C. L. Sweet, Glenwood.  
 1882, Elbert Wheeler, Arlington Heights.

## CRAWFORD COUNTY—

1877, William L. Houstis, Robinson.  
 1877, Andrew Newlin, Hutsonville.  
 1880, J. P. Weger, Flat Rock.  
 1882, William Wood, Oblong.  
 1882, W. T. Emmons, Robinson.  
 1884, H. H. Haskett, Palestine.

## CUMBERLAND COUNTY—

1877, David Neal, Neoga.  
 1878, Harlow Park, Greenup.  
 1879, Ed Bumgardner, Hazel Dell.  
 1882, Jas. M. Albin, Neoga.  
 1887, Daniel B. Green, Toledo.

## DEKALB COUNTY—

1879, D. M. Marsh, Sandwich.  
 1881, Edwin Waite, Sycamore.  
 1884, Robt. Hampton, East Paw Paw.  
 1885, Theo. Balis, Courtland.  
 1887, S. S. Russell, Kingston.

## DEWITT COUNTY—

1877, E. H. Robb, Waynesville.  
 1877, John McDonald, Farmer City.  
 1881, A. D. Metz, Wapella.  
 1882, W. R. Carie, Wapella.  
 1887, Charles Willimore, Lane.

## DOUGLAS COUNTY—

1878, S. L. Woodsworth, Arcola.  
 1879, F. A. McCarty, Filson.  
 1884, J. E. Scantling, Newman.  
 1887, William Iles, Camargo.

## DUPAGE COUNTY—

1877, P. W. Stacy, Prospect Park.  
 1877, Daniel Dunham, Wayne.  
 1884, Daniel Kelley, Wheaton.  
 1885, Thomas Betts, Jr., Naperville.

## EDGAR COUNTY—

1878, B. O. Curtis, Paris.  
 1878, A. S. McCord, Paris.  
 1884, Geo. W. Legg, Scotland.  
 1885, Morris Little, Edgar.  
 1885, J. D. Brewer, Hildreth.

## EDWARDS COUNTY—

1877, W. A. Shelby, Maple Grove.  
 1877, Charles Clark, Albion.

## EFFINGHAM—

1877, John McDonald, Edgewood.  
 1883, H. C. Henry, Mason.  
 1883, Geo. Strong, Eberle.  
 1883, T. J. Dunn, Elliottstown.  
 1885, J. A. Arnold, Effingham.  
 1885, William Blakeley, Altamont.  
 1887, Samuel D. Larimore, Beecher City.

## FAYETTE COUNTY—

1877, O. E. Lovett, St. Elmo.  
 1877, C. Carson, Brownstown.  
 1877, P. B. Fellwock, St. Paul.  
 1878, J. F. Kennedy, Shabonier.  
 1882, John N. McCord, Vandalia.

## FORD COUNTY—

1877, L. T. Bishop, Piper City.  
 1877, James Ogilvie, Caberey.  
 1879, S. J. LeFevre, Gibson City.  
 1881, H. J. Schaeffer, Paxton.  
 1885, W. H. Gilbourne, Caberey.  
 1887, W. I. Wood, Elliott.

## FRANKLIN COUNTY—

1878, Isham Harrison, Mulkeytown.  
 1882, John Mulkey, Benton.  
 1883, Otto Heulbig, Benton.  
 1883, T. D. Bowles, Ewing.  
 1885, Thomas Neal, Ewing College.  
 1885, L. M. Jones, Benton.

## FULTON COUNTY—

1877, M. Rawalt, Canton.  
 1877, Alex. Baley, Vermont.  
 1878, D. H. Gorham, Avon.  
 1878, John Prickett, Lewiston.  
 1881, S. B. Bennett, Fairview.  
 1885, E. J. Parry, Astoria.  
 1887, Cyrus Bucher, Astoria.



## GALLATIN COUNTY—

- 1877, John McGehee, Shawneetown.
- 1880, Martin Doherty, Waltonborough.
- 1883, R. A. Lamb, Ridgway.

## GREENE COUNTY—

- 1877, C. W. Brace, Kane.
- 1877, S. G. Russell, Bluffdale.
- 1878, Elon A. Eldred, Carrollton.
- 1887, C. I. McCollister, White Hall.

## GRUNDY COUNTY—

- 1877, R. K. Slosson, Verona.
- 1877, Otis Baker, Morris.
- 1878, C. E. Parker, Gardner.
- 1882, A. Z. Taylor, Gardner.
- 1884, W. T. Pierce, Verona.
- 1887, John Hurst, Minooka.

## HAMILTON COUNTY—

- 1877, A. M. Sturman, Dahlgren.
- 1878, Adam Crouch, Belle Prairie.
- 1883, Alfred Braden, Braden.
- 1887, Inman Hamilton, Broughton.
- 1887, Geo. K. Edwards, McLeansboro.

## HANCOCK COUNTY—

- 1877, E. J. Baxter, Nauvoo.
- 1878, A. C. Hammond, Warsaw.
- 1884, W. S. Remick, Plymouth.
- 1885, J. M. Bainter, La Crosse.
- 1885, C. M. McMillan, Denver.
- 1885, W. A. Moore, Elvaston.

## HARDIN COUNTY—

- 1886, John Jack, Cave-in-Rock.
- 1887, John C. Rose, Wolrab Mills.

## HENDERSON COUNTY—

- 1877, John H. McDougall, Biggsville.
- 1878, Peter Groome, Karitan.
- 1882, M. A. Frazell, Kirkwood, (Warren County)
- 1882, Charles Vaughn, Lomax.

## HENRY COUNTY—

- 1877, N. C. Gilbert, Geneseo.
- 1877, John A. Widney, Woodhull.
- 1878, Joshua C. Edwards, Cambridge.
- 1882, E. C. Gilbert, Geneseo.
- 1885, S. H. Moon, Annawan.
- 1885, J. H. Hanna, Orion.

## IROQUOIS COUNTY—

- 1878, A. C. Johnson, Woodland.
- 1879, Robert Caldwell, Sheldon.
- 1881, Frank H. Burnham, Martinton.
- 1882, B. W. Gibourne, Caberey, (Ford County.)
- 1883, S. Williams, Woodland.
- 1884, F. I. Mann, Gilman.
- 1885, Ed. Stimpson, Milford.
- 1886, C. H. Martin, Loda.
- 1887, William Fleming, Cisua Park.
- 1887, F. M. Chapman, Danforth.

## JACKSON COUNTY—

- 1877, Hiram Schwartz, Elkville.
- 1879, Geo. C. Hanford, Makanda.
- 1887, D. G. Will, Campbell Hill.

## JASPER COUNTY—

- 1876, W. E. Barrett, Newton.
- 1876, A. Wilson, Wheeler.
- 1884, R. S. Cummins, Rose Hill.

## JEFFERSON COUNTY—

- 1877, John R. Moss, Mt. Vernon.
- 1878, George L. Whitlock, Dix.
- 1879, L. E. Jones, Opdyke.
- 1879, E. S. Noleman, Irvington, (Washington County.)

## JERSEY COUNTY—

- 1877, Henry Ryan, Medora, (Macoupin Co.)
- 1877, James E. Starr, Elsay.
- 1884, John G. Dougherty, Otterville.
- 1887, Joseph Chambers, McCluskey.

## JODAVIESS COUNTY—

- 1876, J. A. Hammond, Hanover.
- 1882, M. K. Hammond, Stockton.
- 1884, T. Hallett, Galena.
- 1885, Geo. W. Peboon, Warren.
- 1987, W. H. Bouton, Galena.

## JOHNSON COUNTY—

- 1877, H. T. Williams, Buncombe.
- 1880, J. F. Caspar, New Burnside.
- 1882, T. H. Taylor, Goreville.
- 1882, P. W. McFatrige, Vienna.
- 1883, J. B. Gillespie, New Burnside.
- 1886, S. P. Thatcher, Vienna.
- 1887, L. G. Simmons, Grantsburg.

## KANE COUNTY—

- 1877, J. P. Bartlett, Blackberry.
- 1878, H. Chapman, Sugar Grove.
- 1881, E. L. Fassett, Hampshire.
- 1882, Daniel Whitney, St. Charles.
- 1884, Geo. E. Peck, Geneva.
- 1884, E. W. Thompson, Sugar Grove.
- 1885, F. C. Van Vleck, Maple Park.

## KANKAKEE COUNTY—

- 1877, Milo Barnard, Manteno.
- 1878, D. S. McKinstry, Grant Park.
- 1878, J. C. Mosier, Essex.
- 1882, A. L. Miner, Momence.
- 1885, John Devine, Chebanse.
- 1885, Wm. V. States, Buckingham.

## KENDALL COUNTY—

- 1877, J. M. Gale, Yorkville.
- 1877, Geo. M. Hollenback, Millbrook.
- 1877, John Hurst, Minooka, (Grundy Co.)
- 1878, John S. Seeley, Oswego.
- 1882, W. H. Shufelt, White Willow.

## KNOX COUNTY—

- 1877, John Sloan, Yates City.
- 1877, Isaac Hunter, Abingdon.
- 1877, G. A. Marshall, Abingdon.
- 1878, R. W. Miles, Gilson.
- 1885, A. B. Brown, Oneida.
- 1885, J. F. Latimer, Abingdon.
- 1885, Wm. Robson, Wataga.
- 1885, S. O. Allen, Galesburg.
- 1887, P. H. Hammond, Oneida.

## LAKE COUNTY—

- 1878, Henry Hart, Hainesville.
- 1879, Arthur Cook, Wauconda.
- 1879, J. B. Pope, Wadsworth.
- 1879, Giles Farmer, Libertyville.
- 1881, Robert Easton, Half-Day.

## LASALLE COUNTY—

- 1877, Thomas J. Davis, Triumph.
- 1877, Elmer Baldwin, Farm Ridge.
- 1878, George W. Armstrong, Seneca.
- 1883, L. A. Burgess, Tonica.
- 1883, Chas. T. Farrell, Ottawa.
- 1884, W. B. Rockwood, Sheridan.

## LAWRENCE COUNTY—

1877, D. S. Porter, Lawrenceville.  
 1877, W. T. Buchanan, Bridgeport.  
 1882, J. A. Fyffe, Sumner.  
 1885, John Derr, Pinkstaff.

## LEE COUNTY—

1877, Abijah Powers, Prairieville.  
 1877, Joseph C. Lahman, Franklin Grove.  
 1879, Abram Brown, Dixon.  
 1885, R. Reniff, Sublette.  
 1884, Patrick Whalen, Walton.  
 1884, Wm. McMahan, Paw Paw.

## LIVINGSTON COUNTY—

1880, Isaac Young, Pontiac.  
 1882, Robt. Thompson, Flanagan.  
 1882, Eli W. Pearson, Cayuga.  
 1885, S. M. Barnes, Fairbury.  
 1877, S. T. K. Prime, Dwight.  
 1887, E. H. Keeland, Dwight.

## LOGAN COUNTY—

1880, J. P. Hieronymus, Atlanta.  
 1883, John Harmon, Beason.  
 1884, W. Wemple, Mt. Pulaski.  
 1884, R. A. Talbott, Burtonview.  
 1885, W. E. Williams, Chestnut.  
 1885, J. W. McCallister, Broadwell.

## MACON COUNTY—

1876, V. Barber, Decatur.  
 1877, T. H. Barr, Argenta.  
 1877, G. Elliott, Harristown.  
 1880, D. P. Keller, Macon.  
 1884, W. A. Van Leer, Maroa.  
 1885, S. P. Nickley, Oakley.  
 1887, George Johnson, Latham, (Logan Co.)

## MACOUPIN COUNTY—

1877, J. H. Bauer, Bunker Hill.  
 1877, John P. Henderson, Virden.  
 1877, I. B. Vancil, Modesto.  
 1880, E. H. Wilson, Barnett, (Montgomery Co.)  
 1885, J. H. Wolfe, Nilwood.  
 1885, S. V. Keller, Medora.  
 1885, L. Corbin, Carlinville.  
 1885, George W. Ribble, Hettick.  
 1877, E. Etter, Palmyra.

## MADISON COUNTY—

1877, V. P. Richmond, Moro.  
 1877, Irby Williams, Upper Alton.  
 1885, J. M. Pearson, Godfrey.  
 1885, Jones Tontz, Grant's Fork.

## MARION COUNTY—

1877, J. W. Jennings, Centralia.  
 1882, W. D. Hills, Odin.  
 1886, E. C. Mills, Salem.  
 1886, J. J. Connelly, Iuka.  
 1886, Tunis H. Spitler, Iuka.

## MARSHALL COUNTY—

1877, D. B. Wier, Lacon.  
 1882, H. Marshall, Camp Grove, (Stark Co.)  
 1883, C. A. Whitney, Verna.

## MASON COUNTY—

1882, Wm. M. Duffy, San Jose.  
 1884, Charles A. Gore, Kilbourne.  
 1885, J. A. McComas, Manito.

## MASSAC COUNTY—

1877, L. W. Copeland, Joppa.  
 1882, J. R. Wetherill, Metropolis.

## McDONOUGH COUNTY—

1877, James N. Devore, Bushnell.  
 1877, Samuel Frost, Macomb.  
 1877, W. H. Green, Bardolph.  
 1877, John B. Isom, Blandinsville.  
 1887, J. J. Tabler, Colman.

## McHENRY COUNTY—

1877, E. H. Seward, Marengo.  
 1877, Sidney Disbrow, Alden.  
 1877, T. McD. Richards, Woodstock.  
 1885, A. M. Wray, Spring Grove.

## McLEAN COUNTY—

1877, John A. Ewins, Danvers.  
 1877, Nelson Jones Towanda.  
 1877, Wm. H. Oglevee, Heyworth.  
 1877, Sylvester Peasley, Downs.  
 1879, C. N. Vandervoort, Randolph.  
 1882, D. F. Trimmer, Lexington.  
 1885, A. B. Branaman, Arrowsmith.

## MENARD COUNTY—

1877, Thomas Kincaid, Athens.  
 1884, C. J. McDoel, Atterberry.  
 1884, Alex. Montgomery, Greenview.  
 1887, Thos. S. King, Fancy Prairie.

## MERCER COUNTY—

1877, Josiah Candor, Hamlet.  
 1877, Dan. W. Sedwick, Suez.  
 1878, Joseph U. David, New Windsor.  
 1882, David A. Clark, Preemption.

## MONROE COUNTY—

1881, John McCormick, Harrisonville.

## MONTGOMERY COUNTY—

1877, E. W. Miller, Raymond.  
 1878, W. F. Hicks, Raymond.  
 1881, E. H. Donaldson, Nokomis.  
 1881, A. T. Strange, Walshville.  
 1882, Geo. W. Brown, Jr., Butler.  
 1882, J. B. Pocock, Nokomis.  
 1885, Geo. N. Allen, Donnellson.  
 1886, Henry C. Barnes, Devon.

## MORGAN COUNTY—

1877, James C. Fairbanks, Concord.  
 1877, John Gordon, Jacksonville.  
 1878, S. S. Dewees, Alexander.  
 1878, R. C. Curtis, Waverly.  
 1883, J. G. Bush, Murrayville.

## MOULTRIE COUNTY—

1877, R. R. Cole, Sullivan.  
 1877, Wm. Kirkwood, Sullivan.  
 1877, F. M. Porter, Lovington.  
 1878, J. Bicknell, Lovington.  
 1880, G. W. Vaughan, Sullivan.  
 1884, J. P. Glasscock, Gays.

## OGLE COUNTY—

1877, A. D. Clarke, Kyte River.  
 1878, J. A. Atwood, Stillman Valley.  
 1882, T. S. Roberts, Monroe Center.  
 1885, Fred. Mathias, Woosung.

## PEORIA COUNTY—

1879, Joseph Gallup, Chillicothe.  
 1880, R. C. Davis, French Grove.  
 1882, W. E. Elliott, Monica.  
 1883, S. D. Kemp, Elmwood.  
 1885, Wm. West, Smithville.



## PERRY COUNTY—

- 1877, Alex. P. Baird, Pyatt Station.
- 1878, J. C. Kinzey, Tamaroa.
- 1883, J. C. Blair, Cutler.
- 1886, Jno. Tyler, Tamaroa.

## PIATT COUNTY—

- 1877, Ezra Marquis, Sr., Deland.
- 1879, D. W. Smith, Farmer City (DeWitt County.)
- 1879, John W. C. Gray, Atwood.

## PIKE COUNTY—

- 1877, J. O. Bolin, Milton.
- 1877, W. R. Wills, Pittsfield.
- 1880, C. B. Dustin, Summer Hill.
- 1881, Edward Whittleton, Barry.
- 1882, L. W. McMahan, Griggsville.

## POPE COUNTY—

- 1877, J. E. Y. Hanna, Golconda.
- 1882, John A. Stalions, Colorado.
- 1886, W. A. Yates, Rose Bud.
- 1887, J. N. Maynor, Eddyville.

## PULASKI COUNTY—

- 1877, H. C. Fearnside, Villa Ridge.
- 1879, J. H. Crain, Villa Ridge.
- 1880, W. A. Hight, Wetang.
- 1880, W. K. Crain, Villa Ridge.
- 1887, J. S. Morris, Ullin.

## PUTNAM COUNTY—

- 1877, W. Durley, Hennepin.
- 1877, Joshua L. Mills, Mt. Palatine.
- 1880, W. S. Borley, Cottage Hill.
- 1884, Geo. Longman, Sr., Putnam.
- 1885, J. M. McNabb, Mt. Palatine.

## RANDOLPH COUNTY—

- 1877, Hugh Easdale, Tilden.
- 1881, J. B. Matthews, Marissa, (St. Clair County.)
- 1884, James Erwin, Coulterville.
- 1886, J. G. Elliff, Kaskaskia.

## RICHLAND COUNTY—

- 1877, S. M. Thompson, Parkersburg.
- 1877, John Camp, Berryville.
- 1878, R. C. Morris, Olney.
- 1882, Thos. T. Taylor, Noble.
- 1887, Thos. Leaf, Olney.

## ROCK ISLAND COUNTY—

- 1887, Jesse S. Daily, Cardova.
- 1877, Fred. Osborn, Osborn.
- 1877, James Taylor, Taylor Ridge.
- 1882, R. D. McCreery, Coal Valley.
- 1882, Thos. Campbell, Rock Island.
- 1887, Samuel Goode, Andalusia.

## SALINE COUNTY—

- 1877, W. J. Joyner, Stone Fort.
- 1877, M. W. Wills, Eldorado.
- 1885, J. H. Blackman, Somerset.
- 1885, J. S. Raybourn, Raleigh.
- 1887, L. D. Robertson, Somerset.

## SANGAMON COUNTY—

- 1877, George P. Weber, Glenarm.
- 1880, A. A. Pickerell, Mechanicsburg.
- 1881, James A. Stone, Bradfordton.
- 1885, John Upton, Springfield.
- 1885, J. T. Lewis, Chatham.
- 1885, M. D. McCoy, Rochester.

## SCHUYLER COUNTY—

- 1877, R. C. Noyes, Camden.
- 1879, Charles M. Doyles, Rushville.
- 1885, W. C. Reno, Browning.
- 1886, Robert Brown, Rushville.
- 1886, D. H. Wheat, Littleton.

## SCOTT COUNTY—

- 1877, Henry L. Gordon, Winchester.
- 1877, J. M. Leighton, Manchester.
- 1877, Henry Miner, Winchester.
- 1882, S. Barnes, Manchester.
- 1886, J. H. Hawk, Merritt.

## SHELBY COUNTY—

- 1877, E. A. McCracken, Lakewood.
- 1878, L. H. Turner, Strasburg.
- 1880, Edward Roessler, Shelbyville.
- 1887, I. B. McNutt, Herrick.
- 1887, Elias Kost, Herrick.

## STARK COUNTY—

- 1877, John Lackie, Osceola.
- 1877, H. H. Oliver, Toulon.
- 1877, J. M. Thomas, Wyoming.
- 1878, J. H. Anthony, West Point.
- 1886, Abel H. White, Lafayette.
- 1887, C. M. Turner, Toulon.

## ST. CLAIR COUNTY—

- 1882, B. I. Van Court, O'Fallon.
- 1882, Geo. C. Eisenmayer, Mascoutah.

## STEPHENSON COUNTY—

- 1877, Giles Turneure, Freeport.
- 1887, F. B. Walker, Dakota.
- 1876, C. H. Rosenstiel, Freeport.
- 1877, Hiram Snyder, Lena.
- 1882, Daniel Musser, Orangeville.
- 1882, A. M. Durkee, Howardsville, (Jodavies Co.)

## TAZEWELL COUNTY—

- 1877, Geo. W. Minier, Minier.
- 1877, D. Sapp, Pekin.
- 1879, Jonathan B. Allen, Delavan.
- 1882, P. E. Ripper, Sands.

## UNION COUNTY—

- 1881, G. W. Clinc, Anna.
- 1887, J. D. Jones, Anna.

## VERMILION COUNTY—

- 1877, J. H. Oakwood, Catlin.
- 1878, Robert Barnett, Indianola.
- 1879, Thomas Armstrong, Rossville.
- 1887, Jno. W. Newton, Fairmount.

## WABASH COUNTY—

- 1877, John F. Harrington, Allendale.
- 1877, John W. Haberton, Mt. Carmel.
- 1877, Joseph Litherland, Allendale.
- 1877, Thomas Riggs, Maud.
- 1878, M. L. Tilton, Mt. Carmel.

## WARREN COUNTY—

- 1877, Henry Tubbs, Kirkwood.
- 1877, D. C. Graham, Cameron.
- 1877, J. D. Porter, Alexis.
- 1883, R. H. Rankin, Monmouth.
- 1887, H. T. Lape, Roseville.

## WASHINGTON COUNTY—

1877, J. B. Spencer, Nashville.  
 1878, H. H. Meyer, Stone Church.  
 1881, August Staude, Okawville.  
 1887, Jas. B. Borders, Nashville.  
 1887, Jno. E. Hann, Hoyleton.  
 1887, G. W. Walker, Beaucoup.  
 1887, Alexander Chesney, Plum Hill.

## WAYNE COUNTY—

1877, Henry Kramer, Mt. Erie.  
 1877, L. M. Cisne, Cisne.  
 1877, A. M. Cable, Boyleston.  
 1883, Oliver Holmes, Fairfield.  
 1885, G. M. Kerr, Johnsonville.

## WHITE COUNTY—

1887, Ezekiel Hunsinger, Burnt Prairie.  
 1878, Nathan Caley, Caley.  
 1878, Boone Kershaw, Grayville.  
 1880, J. W. McHenry, Carmi.

## WHITESIDE COUNTY—

1877, L. S. Pennington, Sterling.  
 1885, Wm. Mathis, Prophetstown.  
 1886, Jno. C. Aldrich, Tampico.

## WILL COUNTY—

1877, Jacob Smith, Loekport.  
 1878, C. A. Westgate, Peotone.  
 1879, Jerome Fisher, DuPage.  
 1880, Samuel G. Nelson, Wallingford.  
 1882, J. O. Piepinbrink, Crete.

## WILLIAMSON COUNTY—

1877, S. M. Mitchell, Corinth.  
 1877, D. R. Harrison, Herrin's Prairie.  
 1877, Geo. W. Davis, Crab Orchard.  
 1878, James M. Washburn, Marion.  
 1882, H. M. Riehart, Carterville.  
 1885, Z. Hudgen, Pulley's Mill.  
 1885, C. H. Dennison, Marion.

## WINNEBAGO COUNTY—

1877, J. H. Kirk, Rockford.  
 1877, Wm. Atkinson, Harrison.  
 1878, H. J. Rolason, Durand Station.  
 1878, Webster Osborn, Winnebago.  
 1885, Fred. Saunders, Peatonica.

## WOODFORD—

1880, C. M. Stephenson, Secor.  
 1882, J. H. Brown, Minonk.  
 1885, J. A. Simpson, Minonk.  
 1886, John Kaufman, Cruger.  
 1887, C. K. Snyder, El Paso.



# METEOROLOGICAL OBSERVERS FOR 1887, WITH DATE OF APPOINTMENT.

COUNTY.	OBSERVED.	POST OFFICE.	DATE.
Adams .....	D. E. Robbins .....	Payson .....	1886....
Alexander .....	C. L. Bozzell .....	Cairo .....	1881....
Bond .....	M. S. Oudyn, Ph. G. ....	Greenville.....	1883....
Boone .....	E. L. Lawrence .....	Belvidere.....	1880....
Bureau .....	Ezra Stetson .....	Neponset.....	1886....
Carroll .....	Charles H. Beeler .....	Lanark .....	1887....
Cass .....	W. W. Gailey .....	Ashland .....	1887....
Champaign.....	H. A. Burr .....	Philo .....	1885....
Champaign.....	C. L. Myers .....	Mahomet.....	1887....
Christian .....	J. K. Eberle .....	Pana .....	1882....
Clark .....	J. B. Sheapley .....	Martinsville .....	1886....
Clay .....	L. A. Michels .....	Flora .....	1886....
Clinton .....	Wm. Rogan .....	Carlyle.....	1885....
Coles .....	Wm. Dozier .....	Mattoon .....	1882....
Cook .....	H. C. Frankinfield.....	Chicago.....	1879....
Crawford .....	John E. Templeton.....	Palestine.....	1882....
Cumberland.....	S. F. Wilson .....	Neoga .....	1887....
DeKalb .....	Roswell Dow .....	Syeamore.....	1881....
Douglas .....	Miss Mary Iles .....	Camargo .....	1887....
DuPage .....	Royal T. Morgan.....	Wheaton.....	1886....
Edgar .....	Wilbur T. Cook .....	Paris .....	1887....
Edwards .....	B. F. Michels .....	Albion .....	1886....
Effingham .....	George Strong .....	Eberle .....	1885....
Fayette .....	Joseph Urbani .....	Vandalia.....	1885....
Ford .....	Fr. Dienelt .....	Melvin.....	1885....
Franklin .....	John McPherson.....	Benton.....	1887....
Fulton .....	Miss Mary C. Bennett .....	Fairview.....	1886....
Gallatin .....	Chas. Carroll, Jr.....	Shawneetown.....	1887....
Greene .....	P. J. Bates .....	White Hall.....	1886....
Grundy .....	Geo. W. Bartlett .....	Morris .....	1886....
Hamilton .....	Wm. P. Gibbs .....	MeLeansboro .....	1882....
Hancock .....	F. Z. Gosewisch .....	Keokuk, Iowa .....	1885....
Hardin .....	J. S. Abbott .....	Elizabethtown.....	1887....
Henderson .....	R. Hodson .....	Oquawka .....	1887....
Henry .....	N. W. Thornton.....	Geneseo .....	1886....
Iroquois .....	Henry Upsall .....	Watseka.....	1885....
Jackson .....	Frank Hopkins .....	Makanda.....	1886....
Jasper .....	John B. Harris .....	Newton.....	1887....
Jersey .....	A. M. Cheney .....	Jerseyville .....	1886....
JoDaviss .....	Fr. Schaub .....	Galena .....	1886....
Kane .....	M. M. Robbins .....	Aurora.....	1882....
Kankakee .....	W. M. Wells .....	Kankakee .....	1887....
Kendall .....	J. S. Seely .....	Oswego .....	1887....
Knox .....	T. A. Wetmore .....	Oneida .....	1885....
Lake .....	J. M. G. Carter .....	Waukegan.....	1886....
Lake .....	L. R. F. Griffin .....	Lake Forest.....	1886....
LaSalle .....	J. O. Harris .....	Ottawa .....	1886....
Lawrence .....	J. A. Fyffe .....	Sumner.....	1886....
Lee .....	Matthias Sebiek.....	Prairieville.....	1881....
Livingston .....	Isaac Young .....	Pontiae.....	1885....
Logan .....	L. H. Sullivan .....	Beason .....	1887....
Macon .....	N. M. Baker .....	Decatur .....	1886....
Maeoupin .....	A. C. Gish .....	Virden .....	1886....
Madison .....	J. L. R. Wadsworth.....	Collinsville.....	1884....
Marion .....	J. L. Hallam .....	Centralia .....	1876....
Marshall .....	A. C. Price .....	Laeon .....	1887....
Mason .....	W. H. Williamson .....	Havana.....	1886....
Mason .....	J. F. Culp .....	Mason City.....	1886....
Massae .....	J. D. Young .....	Pellonia .....	1886....
McDonohgh.....	Lon W. Rost .....	Macomb .....	1887....
McHenry .....	John W. James .....	Marengo .....	1877....
McHenry .....	Geo. D. Silliman.....	Woodstock.....	1886....
McLean .....	W. O. Davis .....	Bloomington.....	1886....

## METEOROLOGICAL OBSERVERS—Continued.

COUNTY.	OBSERVER.	POST OFFICE.	DATE.
Mercer .....	Tyler McWhorter .....	Aledo .....	1886....
Monroe .....	S. F. Douglass .....	Renault .....	1886....
Montgomery .....	J. W. Potts .....	Raymond .....	1886....
Morgan .....	P. J. Hasenstab .....	Jacksonville .....	1886....
Ogle .....	Wm. Feary .....	Mt. Morris .....	1887....
Peoria .....	Fred Brendel .....	Peoria .....	1877....
Perry .....	J. A. Anderson .....	Three Mile .....	1886....
Piatt .....	J. W. C. Gray .....	Atwood .....	1885....
Pike .....	L. Eastman .....	Griggsville .....	1882....
Pope .....	M. J. Hassler .....	Louisiana, Mo. ....	1889....
Pulaski .....	J. E. Y. Hanna .....	Golconda .....	1878....
Putnam .....	B. C. Taber .....	Mound City .....	1887....
Randolph .....	A. T. Purviance .....	Hennepin .....	1886....
Richland .....	W. J. S. Cathcart .....	Jordan's Grove .....	1887....
Rock Island .....	Chas. H. Fahs .....	Olney .....	1886....
Saline .....	R. R. Martin .....	Davenport, Ia. ....	1885....
Sangamon .....	Gregg & Grace .....	Harrisburg .....	1886....
Schuyler .....	John Craig .....	Springfield .....	1879....
Scott .....	Geo. C. Noyes .....	Camden .....	1886....
Shelby .....	Elihu Armitage .....	Exeter .....	1886....
Stark .....	A. H. Hatch .....	Windsor .....	1885....
St. Clair .....	Edwin Butler .....	Toulon .....	1886....
St. Clair .....	S. P. Chappel .....	St. Louis, Mo .....	1885....
Stephenson .....	G. Leibrock .....	Mascoutah .....	1882....
Tazewell .....	John Wright .....	Cedarville .....	1886....
Vermilion .....	J. E. Terborg .....	Pekin .....	1886....
Vermilion .....	W. R. Jewell .....	Danville .....	1886....
Wabash .....	Miss C. J. Trego .....	Hoopeston .....	1886....
Warren .....	James Pool .....	Mt. Carmel .....	1886....
Washington .....	J. C. Hutchison .....	Monmouth .....	1880....
Wayne .....	G. Tucker .....	Richview .....	1885....
Whiteside .....	Jacob Hall .....	Fairfield .....	1885....
Will .....	Miss Maud Alexander .....	Sterling .....	1886....
Williamson .....	A. Nash .....	Joliet .....	1886....
Winnebago .....	J. J. Fly .....	Pulley's Mill .....	1886....
	J. L. Budlong .....	Rockford .....	1886....



## **MORTUARY LIST**

**1887.**

**The Following Crop Correspondents Died in 1887.**

<b>Date of Appoint- ment.</b>	<b>NAME.</b>	<b>PLACE.</b>	<b>COUNTY.</b>
1878.....	THOMAS O'BRIEN .....	Ashmore. ....	Coles.....
1877.....	E. M. BOUTON .....	Galena .....	JoDaviess ...
1835.....	A. B. SWISHER.....	Eliza .....	Mercer.....
1882.....	BENJ. TURNER.....	Toulon.....	Stark.....

**The gentlemen named above were noted for their enterprise and devotion to the public interests, and are justly entitled to the grateful remembrance of all who have been interested in the statistical work of the Illinois Department of Agriculture.**

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# MONTHLY WEATHER REVIEW

OF THE

# ILLINOIS STATE WEATHER SERVICE

**SPRINGFIELD, DECEMBER, 1887.**

*(The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions, which include the following territory, viz: the Northern Division extends from  $42^{\circ} 30'$  to about  $40^{\circ} 31'$ ; the Central Division extends from about  $40^{\circ} 31'$  to about  $39^{\circ}$ ; the Southern Division from about  $39^{\circ}$  to  $36^{\circ} 51'$ .)*

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## INTRODUCTORY.

The general meteorological features of the month were not very unusual. The changes in pressure, with two exceptions, were not great, but were quite numerous. The daily isobars, or lines of equal pressure, were very irregular, and only few symmetrical "Highs" or "Lows" were formed. The "Highs" of the 21st and 22d and of the 28th and 29th, and the "Low" of the 31st were the most notable; especially the last two which were each the extreme of its class during the month. From the 29th, when the barometer at Springfield was  $30^{\circ}.76$ , to the 31st, when it was  $29^{\circ}.44$ , the fall was 1.32 inch, a very unusual one in such a brief period of time. The month opened with a very high barometer and ended with a very low one.

On the 1st the isobar of  $30^{\circ}.60$  ran through the center of the State, almost due North and South, with a "Low" developing in Colorado. This "Low" moved rapidly and was central over Lake Superior on the 2d, and was accompanied by extensive rains on its Southern side and by snow on its Northern.

On the morning of the 3d another "Low" appeared, also in Colorado, and moved nearly in the track of the preceding one, and was central over Lake Michi-

gan on the 4th accompanied by considerable rain in Illinois, Missouri and Indiana. From this time for over two weeks there were no depressions of any note, and the weather continued very fine for the season.

On the morning of the 19th a "Low" appeared in Texas, while at the same time a very high barometer prevailed in the extreme Northwest. This "Low" was central at St. Louis on the morning of the 20th and brought with it heavy rain, which turned to snow on its Northern and Western side before the advancing "High" and cold wave. During its passage the barometer did not fall very low, but the difference between the pressure here and in Dakota was very great. Here the barometer was  $29^{\circ}.50$  while in Dakota it was  $30^{\circ}.90$ , a difference of  $1.40$  inch. This produced very cold stormy weather, the fall in temperature being unusually great and rapid— $45^{\circ}$  in 18 hours. At noon of the 20th the temperature was  $40^{\circ}$  above, while the next morning it was  $5^{\circ}$  below.

On the 26th and 27th there was very stormy weather over the Lakes, and Eastward to New England on the 28th. This condition of things was followed by the "High" of the 28th and 29th with its accompanying cold wave. This "High" appeared in Dakota on the 27th, and thence pushed Southward, expanding and moving Eastward at the same time, bringing with it extremely cold weather. The following are some of the temperatures reported on the morning of the 28th: Winnepeg,  $40^{\circ}$ ; St. Vincent,  $34^{\circ}$ ; Brainard,  $30^{\circ}$ ; Moorehead,  $26^{\circ}$ ; Duluth,  $23^{\circ}$ ; Bismark,  $25^{\circ}$ ; Minneapolis,  $20^{\circ}$ ; Burlington,  $16^{\circ}$ , and Davenport,  $12^{\circ}$ ; all below zero. At various places in Illinois the temperature went down to from  $10^{\circ}$  to  $14^{\circ}$  below zero. The lowest point, however, was reached on the morning of the 29th when the following temperatures were recorded: Belvidere,  $18^{\circ}$ ; Woodstock,  $17^{\circ}$ ; Cedarville, Mt. Morris, Lanark, Prairieville, Sterling and Geneseo,  $16^{\circ}$ ; Riley and Ottawa,  $14^{\circ}$ ; and a great number of stations from  $10^{\circ}$  to  $12^{\circ}$  below. Every station in the Northern and Central Divisions on that morning recorded below zero as did a great majority of those in the Southern Division.

The mean temperature of the month for the State was  $1^{\circ}.0$  above the mean of ten years, the excess being greater in the Northern Division, where it was  $1^{\circ}.9$ , and least in the Southern, where it was only  $0^{\circ}.4$ . The mean temperature of the year was  $51^{\circ}.6$ , which was  $0^{\circ}.6$  above the mean of thirteen years. The mean temperature of a country varies little from year to year, so in this State the record of twelve years shows only a range of  $3^{\circ}.7$ ; the highest being in 1878, when it was  $53^{\circ}.4$ , and the lowest in 1885, when it was  $49^{\circ}.7$ .

The precipitation for the month was also above the average of ten years;  $1.08$  inches for the State,  $1.63$  inches for the Northern and  $0.04$  of an inch for the Southern Division. The annual precipitation was  $31.17$  inches, and was  $9.37$  inches below the mean of the past nine years, this is  $17.78$  inches below that of 1882, the highest, and  $3.31$  inches below that of 1886, the lowest in the above mentioned period. There has been a continual falling off in the annual precipitation since 1882. In the Northern Division, however, the precipitation of the past year exceeded that of 1886 by  $0.94$  of an inch, and in the Central by  $0.65$  of an inch, but in the Southern it fell short by  $10.37$  inches. So that on the whole the past year has been the driest on record.



ATMOSPHERIC PRESSURE.

(Inches and thousandths.)

The mean pressure of the month was 30.081, and was deducted from the records of sixteen stations where the barometer readings are reduced to the standard. The highest corrected barometer recorded was 31.039 at Pekin, and the lowest was 29.200 at Prairieville, so that the extremæ range for the State was 1.839 inches.

TEMPERATURE.

(Degrees, Fahrenheit.)

The average temperatute for December, 28°.8, was 1°.0 above the average of ten years. The mean of the Northern Division was 25°.3, of the Central 27°.9 and of the Southern 33°.3.

The following are the most marked departures from the normal temperature for December:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	Deg.	County.	Place.	Deg.
Lake .....	Lake Forest.....	4.3	Sangamon.....	Springfield.....	3.3
Clay.....	Flora.....	3 8	Lee.. ..	Prairieville.....	8.0
Lawrence.....	Sumner.....	3.7	Madison .....	Collinsville.....	2.0
Pike.....	Griggsville.....	3.0	Pike ... ..	Louisville, Mo.....	1.7
Clinton.....	Irishtown.....	3.0	Alexander.....	Cairo.....	1.5

MAXIMUM AND MINIMUM TEMPERATURE.

The following table shows the range of temperature for the past ten Decembers, also the mean temperatures for the same period:

TEMPERATURE.											Av'r age.
	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	
Maximum.....	65.0	70.0	66.0	67.0	56.0	72.0	67.0	65.0	65.0	63.0	65.6
Minimum.....	2.0	-20.0	-23.0	4 0	-18 0	-11 0	-21.0	-21 0	-29.0	-18.0	-15.5
Mean.....	21.8	27.3	22.7	36 7	28.2	31.9	27.0	30.9	22.2	28.8	27.8

PRECIPITATION.

(Inches and hundredths.)

The following table shows the average percipitation for the State and its principal divisions during the past ten Decembers: The average for the State is 3.87 inches, which is 1.08 inches above the average of the ten years:

TERRITORY											Aver- age.
	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	
Northern Division .....	1.72	2.36	0.82	2.64	1.74	1.62	4.26	2.80	1.19	3.92	2.31
Central Division.. .....	1 74	2.25	0.82	3.84	2.19	1.95	3.99	2.43	1.44	4.05	2.47
Southern Division....	3.97	4.62	2.18	3.20	2.70	3.07	7.23	3.02	2.38	3.64	3.60
The State .....	2.48	3.08	1.27	3.23	2.21	2.21	5.16	2.75	1.67	3.87	3.79

The following are the most marked departures from the normal December precipitation:

ABOVE THE NORMAL.			BELOW THE NORMAL.		
County.	Place.	In-ches.	County.	Place.	In-ches.
Lee.....	Prairieville.....	5.09	Hamilton.....	McLeansboro.....	0.68
Christian.....	Pana.....	3.59	Lawrence.....	Sumner.....	0.10
Pike.....	Griggsville.....	2.19	The above two stations were the only ones that reported below the normal.		
Shelby.....	Windsor.....	1.74			
Kane.....	Aurora.....	1.60			
Cook.....	Chicago.....	1.41			
Madison.....	Collinsville.....	1.35			
McHenry.....	Riley.....	1.34			
Peoria.....	Peoria.....	1.24			
Stephenson]....	Cedarville.....	1.23			

MEAN RELATIVE HUMIDITY.

NORTHERN DIVISION.		CENTRAL DIVISION.		SOUTHERN DIVISION.	
Station.	Per cent.	Station.	Per cent.	Station.	Per cent.
Lake Forest.....	72.7	Pekin.....	81.5	Cairo.....	70.8
Chicago.....	78.5	Keokuk, Iowa.....	80.3		
Aurora.....	85.0	Springfield..	75.4		
Prairieville.....	87.0	Windsor.....	81.8		
Peoria.....	76.0	Jacksonville.....	85.0		
Watseka.....	87.0	Richview.....	74.5		
Monmouth.....	84.0				
Mean.....	81.5	Mean.....	82.4	Mean.....	70.8

The mean relative humidity for State, 77.9 per cent.

WIND.

The following is the wind data for December, as reported from stations having self-registering anemometers:

STATIONS.	WIND—Miles.		
	Total movement.	Av. hourly velocity.	Maximum hourly velocity—direction and date.
Chicago.....	.....	..	30—W. 4th, N.W. 23d, N.W. 28th, S.E. 30th
Prairieville.....	7,560	10.2	24—S. W. on 20th, 21st, 30th, 31st.
Davenport, Ia.....	.....	.....	.....
Watsaka.....	7,482	10.0	27—S. W. on 21st.
Keokuk, Ia.....	7,246	9.7	30—S. E. on 20th; S. W. on 31st.
Springfield.....	6,893	9.2	36—S. on 3d.
Windsor.....	6,841	9.2	60—S. E. on 30th.
St. Louis, Mo.....	.....	.....	.....
Cairo.....	6,193	8.4	48—W. on 20th.

NOTE: The average hourly velocity is obtained by dividing the total movement by 24 time the number of days in the month.



## DIRECTION OF WIND.

TERRITORY.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Northern Division .....	0	0	0	2	4	15	5	6
Central Division.....	0	0	0	2	5	9	2	4
Southern Division.....	0	0	1	5	7	2	1	4
The State .....	0	0	1	9	16	26	8	14

## THUNDERSTORMS.

Louisiana, Mo., Dwight and Collinsville, on the 3d.

## OPTICAL PHENOMENA.

## SOLAR HALOS.

Ashland, on the 24th; Sterling, on the 19th; Woodstock, on the 19th; Dwight, on the 21st and 23th; Oneida, on the 21st, 26th and 28th; McLeansboro, on the 28th; Mt. Morris, on the 21st; Lanark, on the 21st, 22d, 28th and 29th; Cedarville, on the 21st, 24th and 28th; White Hall, on the 5th and 6th; Wapella, on the 21st and 28th; Camargo, on the 29th; Earlville, on the 20th, 21st, 22d and 18th; Eberle, on the 20th; Beason, on the 19th; Wheeling, on the 28th; Marissa, on the 25th and 28th; Marengo, on the 19th; Ottawa, on the 28th; Jacksonville, on the 6th, 7th and 19th; Wataga, on the 21st; Prairieville, on the 21st and 28th; Oswego, on the 20th, 23d and 28th; Watseka, on the 21st and 28th.

## LUNAR HALOS.

Dwight, on the 26th and 28th; Oneida, on the 1st; Mt. Morris, on the 26th; Toulon, on the 29th; Gibson City, on the 27th; Cedarville, on the 22d; Beason, on the 23d; Wheeling, on the 17th; Marengo, on the 19th and 26th; Ottawa, on the 25th; Pekin, on the 18th and 29th; Jacksonville, on the 21st; Watago, on the 8th, 25th and 29th; Hoopeston, on the 18th, 27th and 29th; Watseka, on the 23th; Aurora, on the 30th.

## PARHELIA.

Greenville, on the 28th; Sterling, on the 22d; Louisiana, Mo., on the 28th; Danark, on the 21st, 22d, 28th and 29th; Sycamore, on the 21st and 28th; Albion, on the 21st and 29th; Ottawa, on the 28th; Aurora, on the 21st and 28th.

## PARASELENES.

Jacksonville, on the 21st; Watago, on the 29th; Peoria, on the 23th.

## MISCELLANEOUS PHENOMENA.

## METEORS.

Dwight, on the 7th.

## METEOROLOGICAL REPORT.

### POLAR BANDS.

Marengo, on the 1st, 5th, 18th, 19th, 26th and 29th.

### FOG AND SMOKE.

Oneida, on the 8th; Richview, on the 7th, 8th, 9th and 10th.

### FROST.

Frosts were reported on almost every day in the month.

### SUNSPOTS, DECEMBER, 1887.

RECORDED BY JOHN W. JAMES, VOL. OBSERVER, MARENGO.

A large spot and group seen one and one-half days from E. edge of disc., on the 5th, a fine large group, estimated 103,000 miles long, containing 30 spots; one of them 20,000 miles in diameter, the rest much smaller; two days E. of sun's meridian, on the 18th; disappearing, by the solar rotation, on the night of the 25th.





THE FOLLOWING INTERESTING TABLE OF THE WEATHER PREVAILING AT PEKIN, DURING THE PAST YEAR, WAS FURNISHED BY THE REV. J. E. TERBORC, VOLUNTARY OBSERVER.

MONTHS.	BAROMETER.			THERMOM'TER			Sun <sup>8</sup> heat.	Relative humidity, per cent.	Mean dew point.	PRECIPITATION.		Days with precipitation.	Days with thunder storm.	Summer days over 77°.	Frost days, min. below 32°.	Ice days, max. below 32°.	WEATHER.				Storm days.	Days with calm.	DIRECTION OF WIND.												Prevailing wind.	Maximum force of wind.																																																																																																																																																																																																																																																																																																																																																																																																																										
	Pressure.			Temperature.						Inches.							Clear.	Fair.	Cloudy.	Foggy.			N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.			W.	W.N.W.	N.W.	N.N.W.																																																																																																																																																																																																																																																																																																																																																																																																																						
	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.				Rain.	Snow.																																																																																																																																																																																																																																																																																																																																																																																																																																																			
January.....	30.932	29.478	30.263	53	-27	17.0	30	71.7	11	2.16	1.50	5	1	....	30	18	13	3	15	1	....	....	2	....	....	....	....	4	....	....	....	13	....	....	8	....	....	26	....	....	4	....	....	36	....	N.W.	6-14 Miles.																																																																																																																																																																																																																																																																																																																																																																																																															
February.....	31.027	29.123	30.323	56	-4	30.8	44	80.0	25	6.68	1.00	9	1	....	25	10	7	1	20	1	....	2	4	3	....	....	....	....	14	....	....	....	19	....	11	....	....	13	....	....	....	24	....	N.W.	40-59 Miles.																																																																																																																																																																																																																																																																																																																																																																																																																	
March.....	30.600	29.382	30.155	74	11	40.8	62	71.9	30	1.10	9.50	6	....	....	28	3	11	10	10	....	....	1	8	13	....	....	....	....	18	....	....	3	18	....	5	....	....	11	....	....	....	25	....	N.W.	30-39 Miles.																																																																																																																																																																																																																																																																																																																																																																																																																	
April.....	30.571	29.284	30.037	87	23	56.0	87	56.8	41	2.30	....	5	1	....	7	....	14	5	11	....	....	2	....	....	....	....	....	....	11	....	....	....	13	6	....	5	....	1	33	....	....	2	....	....	18	....	N.W.	40-59 Miles.																																																																																																																																																																																																																																																																																																																																																																																																														
May.....	30.241	29.570	29.979	92	47	69.6	108	68.0	60	1.56	....	7	1	24	....	....	9	12	10	....	....	2	13	3	....	1	12	....	....	....	9	....	2	12	5	....	5	1	24	....	....	4	1	....	13	....	1	....	S.W.	30-39 Miles.																																																																																																																																																																																																																																																																																																																																																																																																												
June.....	30.360	29.384	29.945	98	45	76.2	120	74.9	67	3.10	....	....	....	....	....	....	16	5	9	....	....	....	8	1	....	....	7	....	....	....	8	....	....	17	3	....	3	5	....	28	....	....	2	....	....	15	....	S.W.	40-59 Miles.																																																																																																																																																																																																																																																																																																																																																																																																													
July.....	30.093	29.684	29.908	104	55	82.0	126	68.0	74	2.79	....	6	....	....	....	....	21	2	8	....	....	....	11	4	....	2	12	....	....	....	9	....	2	4	....	2	4	3	37	....	1	....	....	13	....	S.W.	15-29 Miles.																																																																																																																																																																																																																																																																																																																																																																																																															
August.....	30.197	29.774	29.962	104	47	72.9	117	75.6	68	3.77	....	6	....	....	....	....	15	6	10	....	....	....	11	8	....	4	8	....	....	....	....	14	....	....	5	....	....	16	....	....	2	....	....	20	....	2	....	N.W.	3-5 Miles.																																																																																																																																																																																																																																																																																																																																																																																																													
September.....	30.502	29.403	30.094	95	33	67.7	101	82.1	61	3.40	....	....	....	....	....	....	13	8	9	....	1	....	10	3	....	1	13	....	....	....	14	....	....	14	....	4	8	....	1	....	....	30	....	....	1	....	....	9	....	S.W.	6-14 Miles.																																																																																																																																																																																																																																																																																																																																																																																																											
October.....	30.786	29.628	30.186	85	19	50.0	80	73.2	41	2.23	....	....	....	4	11	....	18	3	10	....	....	3	7	....	....	....	....	1	....	....	....	2	....	....	9	....	3	14	....	....	23	....	....	1	....	....	32	....	N.W.	30-39 Miles.																																																																																																																																																																																																																																																																																																																																																																																																												
November.....	30.936	29.615	30.268	74	0	39.6	67	70.0	31	1.88	0.75	5	....	....	....	....	15	2	13	....	1	1	10	7	....	1	10	....	....	....	4	....	....	7	....	5	6	....	....	29	....	....	1	....	....	24	....	S.W.	30-39 Miles.																																																																																																																																																																																																																																																																																																																																																																																																													
December.....	31.039	29.560	30.258	56	-11	29.0	47	81.5	24	5.79	7.50	11	1	....	23	10	10	2	19	1	....	2	4	....	....	....	....	3	....	....	....	....	....	....	11	....	1	24	....	....	4	....	....	23	....	1	....	S.W.	15-29 Miles.																																																																																																																																																																																																																																																																																																																																																																																																													
Sums.....	367284	353887	361378	978	280	632.0	989	874.3	533	36.76	20.25	80	22	143	138	45	162	59	144	7	17	88	....	57	....	9	....	109	....	1	....	66	....	4	....	142	....	34	....	85	....	12	....	294	....	1	....	21	....	22	....	52	....	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....



## REMARKS.

## METEOROLOGICAL OBSERVERS.

## MONTH OF DECEMBER, 1887.

**ALEXANDER COUNTY**—C. L. BOZZELL, Observer, Signal Corps, Cairo. Highest barometer, 30.690, on the 29th; lowest, 29.550, on the 31st; mean, 30.099; range, 1.140. Highest temperature, 53° 2, on the 14th; lowest, 5° 0, on the 29th; range, 53° 2; greatest daily range, 29° 0, on the 28th; least daily, 5° 8, on the 8th; mean daily range, 15° 5; mean maximum temperature, 45° 6; mean minimum, 30° 1. The mean temperature of the month, 36° 3, was 1° 5 below the normal for the past sixteen years. The precipitation, 4.12 inches, was 0.56 of an inch above the normal for the past sixteen years, falling on twelve days, viz: 2d, 3d, 4th, 7th, 8th, 9th, 10th, 11th, 20th, 27th, 28th and 31st. Mean relative humidity, 70.8 per cent. Prevailing direction of the wind, S.; total movement, 6,293 miles; maximum velocity, 48 miles from the W., on the 20th. There were 6 clear, 11 fair and 14 cloudy days. Lunar halos on the 23d and 25th. Thunderstorms on the 31st with heavy rain. Mississippi and Ohio rivers full of floating ice on the 28th, 29th, 30th and 31st. Frost on the 5th, 6th, 13th, 17th, 18th, 22d, 23d, 25th, 26th and 29th.

**BOND COUNTY**—M. S. OUDYN, Ph. G., Observer, Greenville. Highest temperature, 56°, on the 3d; lowest, —5°, on the 28th; range, 61°; greatest daily range, 34°, on the 20th; least, 3°, on the 2d; mean daily range, 15° 6; mean maximum temperature, 37° 8; mean minimum, 22° 2. The mean temperature of the month, 29° 6, was 0.6 below the normal for the past ten years. The precipitation, 4.68 inches, was 0.47 inches above the normal for the past seven years, falling on eleven days, viz: 2d, 3d, 4th, 7th, 9th, 10th, 19th, 20th, 27th, 30th and 31st. Prevailing direction of the wind, S. There were 9 clear, 4 fair and 18 cloudy days. Total snowfall, 2.3 inches, of which 0 inches remained on the ground at the end of the month. Parhelia on the 28th. Blizzard on the 20th.

**BOONE COUNTY**—E. L. LAWERNCE, Observer, Belvidere. Highest temperature,

62° 0, on the 3d; lowest, —18° 0, on the 29th; range, 80° 0. The mean temperature of the month, 23° 8, was 7° 7 above that of December, 1886. The precipitation, 3.68 inches, was 2.15 inches above that of December, 1886, falling on eleven days, viz: 1st, 3d, 10th, 11th, 12th, 20th, 21st, 23d, 27th, 30th and 31st. Prevailing direction of the wind, S.W. There were 8 clear, 7 fair and 16 cloudy days. Total snowfall, 14 inches, of which none remained on the ground at the end of the month.

**CARROLL COUNTY**—CHAS. H. BEELER, Observer, Lanark. Highest temperature, 53°, on the 7th; lowest, —16°, on the 29th; range, 69°; greatest daily range, 25°, on the 7th; least daily, 1°, on the 2d, and 10th. The mean temperature of the month was 23°. The precipitation, 3.61 inches, was above the normal falling on seven days, viz: 3d, 11th, 20th, 24th, 27th, 30th and 31st. Prevailing direction of the wind, S. There were 8 clear, 4 fair and 19 cloudy days. Mock suns on the 21, 22, 28 and 29. Lunar halo on the 26th at 6 P.M.

**CASS COUNTY**—W. W. GAILEY, M. D., Observer, Ashland. Highest temperature, 54° 5, on the 3d; lowest, —7°, on the 28th; range, 61° 5; greatest daily range, 27° 5, on the 20th; least daily, 3° 5, on the 18th and 24th; mean daily, 14° 1; mean maximum temperature, 34° 8; mean minimum, 20° 7; mean temperature of the month, 23° 9. The precipitation was 5.30 inches, falling on ten days, viz: 1st, 2d, 3d, 9th, 10th, 11th, 20th, 27th, 30th and 31st. There were 11 clear, 2 fair and 18 cloudy days. Total snowfall, 5.5 inches, of which 1 inch remained on the ground at end of the month. Solar halo on the 29th. At the end of the month the snow had melted, and run together in the form of ice, so that it is not possible to correctly estimate its depth. It would, however, be reasonable, perhaps, to say that nearly the entire snowfall for the month still remains on the ground in the form of ice and snow.



**CHAMPAIGN COUNTY**—C. L. MYERS, Observer, Mahomet. Highest temperature, 54°, on the 3d; lowest, -7°, on the 28th; range, 61°; greatest daily range, 27°, on the 28th; least daily, 4°, on the 2d; mean daily, 14°.3; mean temperature of the month, 27°.9. The precipitation was 4.05 inches, falling on ten days, viz: 2d, 3d, 9th, 10th, 11th, 14th, 20th, 27th, 30th and 31st. There were 6 clear, 8 fair and 17 cloudy days. Total snowfall 3 inches of which 2½ inches remained on the ground at the end of the month. Parhelia observed all day on the 28th. Faint parhelia at 4 p.m. on the 29th. The snowfall was unusually light. Per cent. of sunshine 33. Prevailing direction of the wind, S.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Highest temperature, 48°.0, on the 3d; lowest, -8°.0, on the 21st; range, 56°.0. The mean temperature of the month was 25°.5. The precipitation was 6.41 inches, falling on nine days, viz: 2d, 3d, 4th, 9th, 10th, 11th, 20th, 30th and 31st. Prevailing direction of the wind, N.W. There were 8 clear, 10 fair and 13 cloudy days. Total snowfall, 5 inches, of which 3 inches remained on the ground at the end of the month. Blizzard reached here at 1:50 p.m. of the 20th, being preceded by very heavy rain; two inches fell before the snow began.

**CLARK COUNTY**—J. B. SHEAPLEY, Observer, Martinsville. Highest barometer, 29.73, on the 1st; lowest, 28.80, on the 31st; range, 0.930. Highest temperature, 54°.0, on the 4th; lowest, -2°.0, on the 29th; range, 56°.0; greatest daily range, 35°.0, on the 27th; least daily, 1°.0, on the 12th. The mean temperature of the month was 29°.5. The precipitation was 3 inches, falling on seven days. There were 7 clear, 8 fair and 16 cloudy days. Sleet, snow and rain on the 30th, and high wind.

**CLAY COUNTY**—L. A. MICHELS, Observer, Flora. Highest temperature, 56°, on the 3d and 4th; lowest, zero, on the 28th; range, 56°; greatest daily range, 30°, on the 20th; least daily, 3°, on the 12th; mean daily, 14°; mean maximum temperature, 39°; mean minimum, 25°. The mean temperature of the month, 32°, was 4° above the normal for the past two Decembers. The precipitation, 3.65 inches, was 0.31 of an inch above the normal for the past two Decembers, falling on seven days, viz: 2d, 3d, 7th, 10th, 20th, 30th and 31st. There were 10 clear, 4 fair and 17 cloudy days. Total snowfall, 2 inches, of which none remained on the ground at the end of the month. Blizzard from N.W. struck us on the 20th at 1 p.m. Parhelia on 21st and 28th.

**CLINTON COUNTY**—WM. ROGAN, Observer, Irishtown. Highest temperature, 62°, on the 5th; lowest, -3°, on the 28th; range, 65°; greatest daily range, 37°, on the 5th; least, 1°, on the 2d. The mean temperature of the month 33°, was 3° above the normal for the past 2 years. The precipitation was 4.04 inches, and was 0.96 of an inch above the normal for the past two years, falling on 11 days, viz: 2d, 3d, 4th, 7th, 9th, 10th, 11th, 20th, 27th, 30th and 31. Prevailing direction of the wind, S. There were 10 clear, 8 fair and 13 cloudy days. Total snowfall, 1.3 inches, of which none remained on the ground at the end of the month. Gale from NW. on 27th.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Highest temperature, 55°, on the 3d; lowest, -5°, on the 28th; range, 60°. The mean temperature of the month 30°.0, was 1°.0 below the normal for the past 8 years. The precipitation 4.10 inches, was 0.94 of an inch above the normal for the past 8 years, falling on 11 days, viz: 3d, 3d, 7th, 9th, 10th, 20th, 21st, 27th, 28th, 30th and 31st. Prevailing direction of the wind, S. There were 8 clear, 7 fair and 16 cloudy days. Total snowfall, 2.0 inches, of which 1.0 inch remained on the ground at the end of the month.

**COOK COUNTY**—H. C. FRANKINFIELD, Observer, Chicago. Highest barometer, 30.690, on the 29th; lowest, 29.460, on the 31st; mean, 30.041; range, 1.230. Highest temperature, 53°.4, on the 4th; lowest, -4°.8, on the 29th; range, 58°.2; greatest daily range, 33°.5, on the 21st; least, 3°.5, on the 10th; mean daily range, 14°.9; mean maximum temperature, 34°.2; mean minimum, 19°.3. The mean temperature of the month, 28°.1, was 0°.6 below the normal for the past 16 years. The precipitation was 3.67 inches, was 1.41 above the normal for the past 16 years falling on 13 days, viz: 2d, 3d, 9th, 10th, 11th, 19th, 20th, 23d, 27th, 28th, and 31st. Mean relative humidity, 78.5 per cent. Prevailing direction of the wind, SW; maximum velocity, 30 miles, from the W, on the 4th and 21st. There were 4 clear, 7 fair and 20 cloudy days. Frost, 1st, 4th, 5th, 6th, 11th, 12th, 13th, 15th, 16th, 17th, 21st, 22d, 23d, 24th, 25th, 26th, 27th, 28th, 29th, 30th and 31st.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Highest temperature, 54°.0, on the 3d; lowest, 2°.0, on the 29th. The mean temperature of the month was 31°.9. The precipitation was 3.40 inches, falling on eight days, viz: 3d, 4th, 5th, 9th, 10th, 20th, 30th and 31st. Prevailing direction of the wind, N.W. There were 7 clear, 8 fair and 16 cloudy days. Total snowfall, 4 inches, of which none remained on the ground at the end of the month. Wild geese going north on the 4th and 5th.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature, 48°, on the 3d; lowest, -12°, on the 29th; range, 60°; greatest daily range, 23°, on the 27th; least daily, 1°, on the 20th; mean temperature of the month, 24°. The precipitation, 3.02 inches, was 0.23 inches below the normal for the past seven years, falling on sixteen days, viz: 2d, 3d, 7th, 9th, 11th, 12th, 14th, 17th, 19th, 20th, 21st, 23d, 27th, 30th and 31st. There were 5 clear, 7 fair and 19 cloudy days. Total snowfall 9 inches, of which 4 inches remained on the ground at end of the month. Bright parhelia all day on the 21st, and until noon on the 28th. Sleighting after the 11th.

**DOUGLAS COUNTY**—MISS MARY ILES, Observer, Camargo. Highest temperature, 53°.0, on the 3d; lowest, -6°.0, on the 29th; range, 59°. Precipitation fell on twelve days, viz: 2d, 3d, 4th, 7th, 8th, 9th, 10th, 11th, 20th, 23d, 38th and 31st. Prevailing direction of the wind, N.W. There were 6 clear, 8 fair and 16 cloudy days. Parhelia on 27th. Ground covered with snow and ice on the 30th and 31st. The 29th was the coldest day this winter.



DUPAGE COUNTY—R. I. MORGAN, Observer, Wheaton. Highest temperature, 48°.0, on the 3d; lowest, -11°.0, on the 29th; mean temperature of the month 22°.4.

EDGAR COUNTY—WILBUR T. COOK, Observer, Paris. Highest temperature, 52°.0, on the 3d; lowest, -6°.0, on the 29th; range, 58°.0. The mean temperature of the month was 28.8. The precipitation was 4.39 inches, falling on 11 days, viz: 2d, 3d, 4th, 7th, 9th, 10th, 11th, 15th, 20th, 3th and 31st. Prevailing direction of the wind, SW. There were 9 clear, 10 fair and 11 cloudy days. Total snowfall, 2.10 inches, of which traces remained on the ground at the end of the month. Sleet on the 30th. Frost on the 1st, 5th, 6th, 8th, 12th, 13th, 14th, 22d, 23d, 24th and 25th.

EDWARDS COUNTY—B. F. MICHELS, Observer, Albion. Highest temperature, 54°, on the 3d; lowest, zero, on the 29th; range, 54°; greatest daily range, 27°, on the 20th; least daily, 3°, on the 15th. The mean temperature of the month was 32°.78. The precipitation was 3.595 inches, falling on eight days, viz: 2d, 3d, 7th, 9th, 10th, 20th, 30th and 31st. There were 10 clear, 3 fair and 18 cloudy days. Total snowfall, 2 inches, of which none remained on the ground at the end of the month. Parhelia on the 21st and 29th. Heavy frosts on the 6th, 13th and 14th.

EFFINGHAM COUNTY—GEO. STRONG, Observer, Eberle. Highest temperature, 59°, on the 7th; lowest, 4°, on the 29th; range, 55°.0. The mean temperature of the month was 34°.5. Prevailing direction of the wind, NW. There were 7 clear, 9 fair and 15 cloudy days. Solar halos on the 20th. Hail on the 28th. Sleet on the 26th and 28th.

FAYETTE COUNTY—JOS. URBANI, Observer, Vandalia. Highest barometer, 30.850 on the 29th; lowest, 29.520, on the 31st; mean, 30.11; range, 1.33. Highest temperature, 55°.0, on the 3d; lowest, 3°.0, on the 28th and 29th; range, 52°.0; greatest daily range, 28°.0, on the 20th; least daily, 1°.0, on the 10th and 11th; mean daily range, 11°.0; mean maximum temperature, 36°.4; mean minimum, 25°.4. The mean temperature of the month was 31°.5. The precipitation was 4.74 inches, falling on nine days, viz: 1st, 2d, 3d, 7th, 19th, 20th, 27th, 30th and 31st. Prevailing direction of the wind, S.E. There were 8 clear, 6 fair and 17 cloudy days. Total snowfall, 3 inches, of which none remained on the ground at the end of the month. Sleet on the 20th. Frost on 22 days.

FRANKLIN COUNTY—J. MCPHERSON, Observer, Benton. Highest temperature, 60°, on the 4d; lowest, 17°, on the 22d; range, 43°; greatest daily range, 20°, on the 21st, least, 4°, on the 28th. The mean temperature of the month, 42°.5. The precipitation was 2.25 inches, falling on 11 days, viz: 1st, 2d, 3d, 4th, 7th, 9th, 10th, 20th, 27th, 28th and 31st. Prevailing direction of the wind NW. There were 11 clear, 3 fair and 17 cloudy days. Frost prevailed throughout the month.

FULTON COUNTY—MARY C. BENNETT, Observer, Fairview. Highest barometer, 29.80, on the 29th; lowest, 28.90, on the 31st. Highest temperature, 40°, on the 3d and 4th;

lowest, -12°.0, on the 30th; range, 52°.0. The precipitation was 3.05 inches, falling on seven days, viz: 2d, 10th, 11th, 20th, 23d, 26th and 30th. Prevailing direction of the wind, S. There were 8 clear, 8 fair and 15 cloudy days. Total snowfall, 11 inches, of which 7 inches remained on the ground at the end of the month. Thunderstorm on the 3d. Frost of the 5th, 6th, 7th, 8th, 13th, 14th, 16th and 17th. Sleet on the 1st. Fog on the 2d.

GREENE COUNTY—P. J. BATES, Observer, White Hall. Highest temperature, 54°, on the 3d; lowest, -4°, on the 29th; range, 58°; greatest daily range, 18°, on the 6th; least daily, 0°, on the 10th; mean daily, 8°.3. The mean temperature of the month was 30°.2. The precipitation was 2.17 inches, falling on five days, viz: 1st, 3d, 10th, 20th and 31st. Prevailing direction of the wind S.E. & N.W. There were 9 clear, 7 fair and 15 cloudy days. Frost on nearly every night in the month. Solar halos on the 5th and 6th.

HAMILTON COUNTY—W. P. GIBBS, Observer, McLeansboro. Highest temperature, 58°, on the 3d; lowest, -1°.0, on the 29th; range, 59°.0; greatest daily range, 27°.0, on the 20th; least, 1°.0, on the 15th; mean daily range, 14°.6. The mean temperature of the month was 34°.0. The precipitation was 3.29 inches, falling on nine days, viz: 2d, 3d, 4th, 7th, 8th, 9th, 10th, 20th and 31st. Prevailing direction of the wind, S.W. & S.E.; maximum velocity, (estimated) 45 miles. There were 9 clear, 6 fair and 16 cloudy days. Solar halo on the 28th. The greatest range of temperature occurred between 8 P.M. of the 20th and 4 A.M. of the 21st, when the thermometer fell 40° in eight hours.

HANCOCK COUNTY—FRED Z. GOSEWISCH, Observer, Keokuk, Iowa. Highest barometer, 30.690, on the 29th; lowest, 29.410, on the 31st; mean, 30.048; range, 1.280. Highest temperature, 57°.0, on the 3d; lowest, -11°.4, on the 28th; range, 68°.4; greatest daily range, 33°.0, on the 27th; least, 3°.8, on the 9th; mean daily range, 16°.0; mean maximum temperature, 35°.8; mean minimum, 19°.8. The mean temperature of the month, 27°.3, was 0°.9 below the normal for the past sixteen years. The precipitation, 2.73 inches, was 0.58 inch above the normal for the past sixteen years, falling on ten days, viz: 1st, 2d, 3d, 10th, 11th, 19th, 20th, 27th, 30th and 31st. Mean relative humidity, 80.3 per cent. Prevailing direction of the wind, N.W.; total movement, 7246 miles; maximum velocity, 30 miles, from S.E., on the 20th. There were 10 clear, 14 fair and 7 cloudy days. Total snowfall, 9.8 inches, of which 3.0 inches remained on the ground at the end of the month. Solar halo on the 26th; lunar halo on the 20th. Frost on the 5th, 6th, 7th, 8th, 14th, 17th, 18th and 26th.

HENDERSON COUNTY—R. HODSON, Observer, Oquawka. Highest temperature, 48°, on the 3d; lowest, -12°, on the 28th; range, 60°; greatest daily range, 28°, on the 28th; least, 4°, on the 4th. The mean temperature of the month 28°.4. The precipitation was 3.25 inches, falling on nine days, viz: 2d, 3d, 10th, 11th, 19th, 20th, 27th, 30th and 31st. Prevailing direction of the wind, S.W. There were 10 clear, 8 fair and 13 cloudy days. Total snowfall, 10 inches, of which 2.5 inches remained on the ground at end of the month.



**HENRY COUNTY**—**PROF. N. W. THOMSON**, Observer, Geneseo. Highest temperature, 53°.4, on the 4th; lowest, -16°.0 on the 24th; range, 69°.4; greatest daily range, 33°.4, on the 4th, least, 4°.5 on the 10th; mean daily range, 17°.3; mean maximum temperature, 31°.4; mean minimum, 14°.1. The mean temperature of the month was 23°.2. The precipitation was 3.17 inches, falling on six days, viz: 2d, 3d, 4th, 11th, 20th and 30th. Prevailing direction of the wind, S.W. There were 7 clear, 10 fair and 14 cloudy days. Frost on the 3d, 6th, 7th, 8th, 13th, 17th, 20th, 21st, 22d, 23d, 24th, 25th, 26th, 27th and 29th.

**IROQUOIS COUNTY**—**H. UPSALL**, Observer, Watseka. Highest barometer, 30.729, on the 29th; lowest, 29.509, on the 31st; mean, 29.101; range, 1.220. Highest temperature, 45°.5, on the 7th; lowest, -9°.5, on the 29th; range, 55°; greatest daily range, 39°, on the 28th; least, 3°.2, on the 2d; mean daily range, 14°.2; mean maximum temperature, 34°.2; mean minimum, 20°.0. The mean temperature of the month 27° 2, was 2°.8 below the normal for the past three Decembers. The precipitation, 4.11 inches, was 0.95 inch above the normal for the past three years, falling on seven days, viz: 2d, 3d, 9th, 10th, 14th, 20th, 23d, 27th, and 30th. Mean relative humidity, 87 per cent. Prevailing direction of the wind, S.; total movement, 7482 miles; maximum velocity, 27 miles, from the S.W., on the 21st. There were 12 clear, 2 fair and 17 cloudy days. Total snowfall, 10 inches, of which 4 inches remained on the ground at end of the month. Solar halos on the 21st and 28th; lunar on the 26th.

**KANE COUNTY**—**M. M. ROBBINS**, Observer, Aurora. Highest barometer, 30.575, on the 29th; lowest, 29.340, on the 31st; mean, 29.940; range 1.235. Highest temperature, 52°.0 on the 3d; lowest, -10° on the 30th; range, 62°.0; greatest daily range, 29°.0, on the 30th; least, 1°.0, on the 20th; mean daily range, 11.7; mean maximum temperature, 30°.5; mean minimum, 18°.8. The mean temperature of the month, 24.6; was [0.5° above the normal for the past 9 years. The precipitation 4.25 inches, was 1.6 of an inch above the normal for the past 9 years, falling on 10 days, viz: 2d, 3d, 7th, 10th, 11th, 20th, 23d, 27th, 30th and 31st. Mean humidity, 85 per cent. Prevailing direction of the wind, W; maximum velocity, 25 miles from the S.W., on the 21st. There were 4 clear, 7 fair and 20 cloudy days. Total snowfall, 17.2 inches. Lunar halos on the 30th. Parhelia on 21st and 28th.

**KENDALL COUNTY**—**J. S. SEELY**, Observer, Oswego. Highest barometer, 30.714, on the 31st; lowest, 29.459, on the 19st; mean, 30.215; range, 1.255. Highest temperature, 50°, on the 8th; lowest, -12°, on the 29th; range, 62°; greatest daily range, 25°, on the 27th; least, 2°, on the 10th. The mean temperature of the month was 25°.1. The precipitation 3.38 inches, was 1.08 inches above the normal for the past 9 years, falling on 9 days, viz: 2d, 3d, 10th, 11th, 20th, 23d, 27th, 30th and 31st. Prevailing direction of the wind, S.W. & N.W. There were 9 clear, 6 fair and 16 cloudy days. The total snowfall was 11.2 inches, of which 6 inches remained on the ground at the end of the month. Solar halos on the 20th, 23d and 28th.

**KNOX COUNTY**—**T. A. WETMORE**, Observer, Oneida. Highest temperature, 54°.0, on the 3d; lowest, -10°.0, on the 28th; range, 64°; greatest daily range, 30°.0, on the 27th; least daily, 2°.0, on the 2d; mean daily range, 12°.6. The mean temperature of the month, 24°.8, was 1°.8 above the normal for the past three years. The precipitation, 3.60 inches, was 0.81 of an inch above the normal for the past three years, falling on seven days, viz: 2d, 3d, 11th, 20th, 27th, 30th and 31st. Prevailing direction of the wind, W. There were 9 clear, 2 fair and 20 cloudy days. Total snowfall, 18 inches, of which 6 inches remained on the ground at the end of the month. Solar halos on the 21st, 26th and 28th; lunar on the 1st. Snow fell on the 2d, 10th, 11th, 20th, 22d, 27th and 30th. Frost on the 5th, 6th, 7th, 8th, 9th, 12th, 13th, 14th and 17th. During the past month there has been no really severe storms, but on two occasions there has been high wind which drifted the snow badly in the north and south roads, but not enough to delay travel to any serious extent. On the 30th it snowed all day, the wind being S.E., an unusual direction for a snow storm in this vicinity. There was a fall of 38° in temperature from 7 a.m. of the 20th to 7 a.m. of the 21st, and of 40° from 7 a.m. of the 27th to 7 a.m. of the 28th.

**LAKE COUNTY**—**L. R. F. GRIFFIN**, Observer, Lake Forest University, Lake Forest. Highest barometer, 30.717, on the 1st; lowest, 29.603, on the 17th; mean, 30.099; range, 1.114. Highest temperature, 48°, on the 3d; lowest, -5°, on the 29th; range, 53°; greatest daily range, 24°, on the 30th; least, 1°.5, on the 2d. The mean temperature of the month, 26°.8, was 8°.4 above that of last year. The precipitation, 4.04 inches was 1.84 inch above that of last year, falling on ten days, viz: 1st, 2d, 3d, 10th, 11th, 15th, 20th, 21st, 27th and 31st. Mean relative humidity, 727 per cent. Prevailing direction of the wind, W. There were 3 clear, 11 fair and 17 cloudy days. Total snowfall 18.25 inches.

**LASALLE COUNTY**—**J. O. HARRIS**, Observer, Ottawa. Highest temperature, 52°, on the 3d; lowest, -14°, on the 29th; range, 66°; greatest daily range, 27°, on the 27th; least daily, 1°, on the 11th; mean daily range, 12°.19; mean maximum temperature, 32°.4; mean minimum, 20°.26. The mean temperature of the month was 25°.21. The precipitation was 3.33 inches, falling on twelve days, viz: 1st, 2d, 3d, 9th, 10th, 11th, 19th, 20th, 21st, 27th, 30th and 31st. Prevailing direction of the wind, W. There were 4 clear, 4 fair and 23 cloudy days. Total snowfall, 7.60 inches, of which 4 inches remained on the ground at end of the month. Lunar halo on the 25th.

**LAWRENCE COUNTY**—**J. A. FYFFE**, Observer, Sumner. Highest temperature, 56°, on the 3d; lowest, -2°, on the 29th; range, 58°.0; greatest daily range, 49°, on the 10th; least daily, 3°.2, on the 28th; mean temperature of the month, 32°.5, was 10°.3 above that of 1886. The precipitation, 2.70 inches, was 0.2 of an inch below that of 1886, falling on 8 days, viz: 2d, 3d, 4th, 8th, 10th, 20th, 30th and 31st. There were 12 clear, 6 fair and 13 cloudy days. Total snowfall, 1.10 inches, of which 1 inch remained the ground at the end of the month. Solar halos on the 21st and 29th.



**LEE COUNTY**--MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.400, on the 29th; lowest, 29.200, on the 31st; mean, 29.825; range, 1.200. Highest temperature, 52°.0, on the 3d; lowest, -16.0, on the 29th; range, 68°.0; greatest daily range, 24°.0, on the 27th; least, 0°, on the 10th; mean daily range, 10°.6; mean maximum temperature, 29°.8; mean minimum, 19°.2. The mean temperature of the month, 24°.2, was 3°.0 below the normal for the past 3 Decembers. The precipitation, 9.02 inches, was 5.09 above the normal for the past seven Decembers, falling on 6 days, viz: 3th, 11th, 20th, 27th, 30th and 31st. Mean relative humidity, 87 per cent. Prevailing direction of the wind, S.; total movement, 7,560 miles; maximum velocity, 24 miles, from the S.W., on the 20th, 21st, 30th and 31st. There were 8 clear, 1 fair and 22 cloudy days. Total snowfall, 21.5 inches, of which 9.5 inches remained on the ground at the end of the month. Solar halos on the 21st and 28th. Fog on the 2d, 9th, 10th, 12th, 14th, 17th and 27th. Smoke on the 7th and 8th. Precipitation for the year was 40.53 inches, which was 0.66 of an inch below the normal for the past 7 years.

**LIVINGSTON COUNTY**--ISAAC HALL, Observer, Pontiac. Highest temperature, 60°.0, on the 7th; lowest, -10°.0 on the 29th; range, 70°; greatest daily range, 30°, on the 7th. The mean temperature of the month, 26°.5. The precipitation, 3.20 inches, falling on 8 days, viz: 1st, 2d, 3d, 9th, 10th, 11th and 31st. Prevailing direction of the wind, S.W. There were 6 clear, 12 fair and 13 cloudy days. Total snowfall, 3 inches, of which 2 inches remained on the ground at the end of the month. Parhelia on the 21st, morning and evening, and on the 28th all day, and formed a bright arch above the sun until noon. Large meteor moving from south to north on the evening of the 7th. Red sunset on the 23d.

**LOGAN COUNTY**--L. H. SULLIVAN, Observer, Beason. Highest temperature, 55°.0, on the 8th; lowest, -6°.0, on the 28th and 29th; range, 61°.0. The mean temperature of the month was 29°.6. Prevailing direction of the wind, S.W. There were 9 clear, 8 fair and 14 cloudy days. Total snowfall, 3.5 inches, of which 2.0 inches remained on the ground at the end of the month. Solar halo on the 19th. Lunar halo on the 23d. Hail on the 30th. Frost on the 6th, 8th, 9th, 13th, 14th, 25th and 29th.

**MACOUPIN COUNTY**--A. C. GISH, Observer, Virden. Highest temperature, 52°.0, on the 4th; lowest, -10°.0, on the 28th; range, 62°.0. The mean temperature of the month, 29.8. Prevailing direction of the wind, SW. There were 8 clear, 9 fair and 14 cloudy days.

**MADISON COUNTY**--DR. J. L. WADSWORTH, Observer, Collinsville. Highest temperature, 56°.0, on the 3d and 4th; lowest, -4°.0, on the 28th; range, 60°; greatest daily range, 35°.0, on the 20th; least, 3°.0, on the 9th; mean daily range, 13°.9; mean maximum temperature, 36°.8; mean minimum, 22°.4. The mean temperature of the month, 29°.8, was 2°.0 below the normal for the past 8 years. The precipitation 3.46 inches, was 1.35 inches above the normal for the past 5 years, falling on 8 days, viz: 2d, 3d, 4th, 7th, 8th, 8th, 20th and 30th. Prevailing direction of the wind, S. There were 5 clear,

9 fair and 17 cloudy days. Thunder and lightning on the 3d. Sleet on the 30th.

**MARION COUNTY**--J. L. HALLAM, Observer, Centralia. Highest temperature was 58°.0 on the 4th; lowest, -1°.0, on the 29th; range, 59°.0; greatest daily range, 44°.0, on the 20th; least, 1°.0, on the 27th; mean daily range 11°.0. The mean temperature of the month was 31°.0. The precipitation was 3.52 inches, falling on 6 days, viz: 2d, 3d, 11th, 20th, 20th and 31st. Prevailing direction of the wind, SE. and W; maximum velocity, 30 miles. There were 8 clear, 7 fair and 16 cloudy days. Frost every day except the 3d, 4th, 7th, 8th, 9th, 10th and 19th. The most notable feature of the month has been the direction of the cold waves. All came from the SW; none from North.

**MARSHALL COUNTY**--Rev. A. C. PRICE, Observer, Lacon. Highest barometer, 30.44, on the 29th; lowest, 28.97, on the 31st; mean, 29.669; range, 1.47. Highest temperature, 56°, on the 3d; lowest, -12°, on the 29th; range, 68°; greatest daily range, 31°, on the 27th; least, 2°; on the 2d and 16th; mean daily range, 12°.9. The mean temperature of the month, 27°.4. The precipitation, 4.29 inches, falling on 6 days, viz: 3d, 4th, 10th, 11th, 20th, and 31st. Prevailing direction of the wind, N.W. There were 10 clear, 5 fair, and 16 cloudy days. Total snowfall, 7 inches, of which 2 inches remained on the ground at the end of the month. Solar halos on the 17th and 21st; very brilliant. Illinois River frozen over on the 21st. Thunder on the 3d. Fog on the 14th. Very stormy on the 30th.

**McHENRY COUNTY**--JOHN M. JAMES, Observer, Riley. Highest temperature, 48°.7, on the 3d; lowest, -14°.0, on the 29th; range, 62°.7; greatest daily range, 30°, on the 4th; least, 2°.3, on the 16th. The mean temperature of the month, 22°.2, and was 0°.5 above the normal for the past 26 years. The precipitation was 3.31 inches, and was 1.34 inches above the normal for the past 27 years, falling on 16 days, viz: 1st, 2d, 3d, 6th, 7th, 10th, 11th, 14th, 19th, 20th, 21st, 23d, 25th, 27th, 30th and 31st. Prevailing direction of the wind, SW. & NW. There were 5 clear, 7 fair and 19 cloudy days. Solar halos on the 19th; lunar on the 19th and 26th. Parhelia on 21st and 28th. Polar lands, 1st, 5th, 18th, 19th, 26th and 29th. Frost every day except on the 3d. Month unusually cloudy, the average amount of cloudiness being 74 per cent, and sunshine but 27 per cent. Only Decembers 1863, 2866, 1873, and 1877 had a greater precipitation.

**McHENRY COUNTY**--GEO. D. SILLEMAN, Observer, Woodstock. Highest temperature, 43°.0, on the 3d; lowest, -17°, on the 20th; range, 60°; greatest daily range, 32°, on the 21st; least 3°, on the 10th; mean daily range, 13°.5; mean maximum temperature, 29°; mean mean minimum, 15°.4; mean temperature of the month, 21.7; was 1.7 above the normal for the past three Decembers. The precipitation 3.84 inches, was 1.39 inch above the normal for the past three Decembers, falling on 10 days, viz: 1, 2, 3, 10, 11, 20, 23, 27, 30, and 31. There were 6 clear, 4 fair and 21 cloudy days. Total snowfall, 18 inches, of which 9 inches remained on the ground at the end of the month. Solar halos on the 19th. Fogs on 2d, 3d, 9th and 14th. Mean temperature for 1887, 45°.6; highest, 102° July 16th; lowest, 24.5 on July 3d. Total precipitation 32.53 inches. There were 124 clear, 110 fair and 113 cloudy days.



**MERCER COUNTY**—TYLER MCWHORTER, Observer, Aledo. Highest temperature, 44°, on the 2d; lowest, -11°, on the 28th and 29th; range, 55°. The mean temperature of the month, 27°.8. The precipitation, 3.12 inches. Prevailing direction of the wind, N.W. Total snowfall, 16 inches, of which 4 inches remained on the ground at the end of the month. The weather for December was generally mild up to the 20th, since then very changeable, with much brisk wind. Heavy snowstorm, with brisk S.E. wind on the 30th, snow badly drifted.

**MORGAN COUNTY**—P. J. HASENSTAB, Observer, Jacksonville. Highest barometer, 30.751, on the 29th; lowest, 29.403, on the 31st; mean, 30.063; range, 1.342. Highest temperature 54°.7, on the 3d; lowest, -6°.9 on the 23th; range, 61°.6; greatest daily range, 28°.0, on the 20th; least 2°.6, on the 9th; mean daily range, 12°.4; mean maximum temperature, 33°.8; mean minimum 21°.4. The mean temperature of the month was 28°.3. The precipitation was 3.03 inches, falling on 8 days, viz: 2d, 3d, 9th, 10th, 11th, 20th, 27th and 30th. Mean relative humidity, 85 per cent. Prevailing direction of the wind, S. and W.; total movement, 6820 miles; maximum velocity, 28 miles from the S.W., on the 21st and from W. on the 31st. There were 7 clear, 8 fair and 16 cloudy days. Total snowfall, 5 inches, of which 2 inches was on the ground at the end of month. Solar halos on the 6th, 7th and 19th. Parhelia (both sides) on the 27th, (8-9 a. m.): lunar on the 21st, (with cross within) Frost on 5th, 6th, 14th, 17th; and killing on the 13th. Ice, 8¼ inches in the reservoir, on the 29th, cut and stored up in ice houses. Barometer rapidly raising on the 28th, and correspondingly falling on the 30th, followed by rapidly raising temperature and rapid melting of the snow on the 31st, and toward evening of the same day by falling temperature.

**OGLE COUNTY**—WM. FEARY, Observer, Mt. Morris. Highest temperature, 48°.0, on the 3d; lowest, -16°.0, on the 29th; range, 64°.0; mean daily range, 12°.1; mean maximum temperature, 30°.3; mean minimum, 18°.2. The mean temperature of the month, 24°.2. Prevailing direction of the wind, SE. There were 8 clear, 9 fair and 14 cloudy days. Total snowfall, 16.0 inches. Solar halos on on the 21st; lunar on the 26th. Sleet on the 1st. Frost every day but the 2d, 3d, 4th and 10th.

**PEORIA COUNTY**—DR. FRED BRENDL, Observer, Peoria. Highest barometer, 30.276, on the 29th; lowest, 28.960, on the 31st; mean, 29.651; range, 1.316. Highest temperature, 56°, on the 3d; lowest, -6°, on the 29th; range, 62°; greatest daily range, 38°, on the 20th and 27th; least, 1°.0, on the 21st; mean daily range 12°.2; mean maximum temperature, 35°.3; mean minimum, 23.1. The mean temperature of the month, 29°.9; was 1°.3 above the normal for the past 32 years. The precipitation, 3.65 inches, was 1.21 of an inch above the normal for the past 32 years, falling on 12 days, viz: 2d, 3d, 9th, 10th, 11th, 19th, 20th, 23d, 26th, 30th and 31st. Mean relative humidity, 76 per cent. Prevailing direction of the wind, S. There were 7 clear, 8 fair and 16 cloudy days. Total snowfall, — inches, of which 5 inches remained on the ground at the end of the month. Parhelia on the 28th. Frost prevailed throughout the month.

**PERRY COUNTY**—J. A. ANDERSON, Observer, Three Mile. Highest temperature, 54°.0, on the 3d and 17th; lowest, 1°.0, on the 28th; range, 53°. The mean temperature of the month was 32°.2. The precipitation, 2.53 inches, falling on five days, viz: 2d, 3d, 10th, 19th and 29th. Prevailing direction of the wind, S.E. There were 7 clear, 9 fair and 15 cloudy days. Total snowfall, 0.5 inches, of which none remained on the ground at the end of the month. Sleet on the 31st. Frost on the 1st, 5th, 12th, 13th, 15th, 16th, 18th, 21st, 22d, 23, 24th, 25th, 26th, 27th, 28th, 29th and 30th.

**PIKE COUNTY**—L. EASTMAN, Observer, Griggsville. Highest barometer, 30.560, on the 29th; lowest, 29.600, on the 31st; mean, 29.995; range, 0.960. Highest temperature, 55°.0, on the 3d; lowest, -9°.0, on the 28th; range, 64°; greatest daily range, 21°, on the 6th and 31st; least, 4°, on the 9th. The mean temperature of the month, 26°.6, was 3°.0 above the normal for the past two years. The precipitation, 4.05 inches, was 2.19 inches above the normal for the past six years, falling on seven days, viz: 3d, 4th, 9th, 10th, 19th, 27th and 30th. Prevailing direction of the wind, S.W. There were 7 clear, 8 fair and 16 cloudy days. Total snowfall, 6.25 inches, of which 4 inches remained on the ground at the end of the month. Total rainfall for the year, 29.39, which was 3.98 below the mean of 6 years paast.

**PIKE COUNTY**—M. J. HASSLER, Observer, Louisiana, Mo. Highest barometer, 30.756, on the 29th; lowest, 29.512, on the 31st; range, 1.244. Highest temperature, 57°, on the 3d; lowest, -9°.0, on the 28th; range, 66°.0; greatest daily range, 29°.0, on the 5th; least, 0, on the 20th; mean daily range, 15°.0; mean maximum temperature, 37°.2; mean minimum, 22°.2. The mean temperature of the month, 29°.7. The precipitation, was 3.62 inches, falling on 6 days, viz: 2d, 3d, 10th, 20th, 30th, and 31st. Prevailing direction of the wind, S.W. Parhelia on the 28th. We are now getting good ice 8 inches thick. This has been a rather fine month, but pneumonia has been prevalent in this neighborhood, and several deaths occurred, chiefly among old people.

**POPE COUNTY**—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 63°, on the 3d; lowest, 6°, on the 29th; range, 57°; greatest daily range, 25°, on the 1st; least daily, 3°, on the 11th and 15th. The mean temperature of the month, 35°.7, was 1°.7 above the normal for the past nine years. The precipitation, 3.67 inches, was 0.60 of an inch below the normal for the past nine years, falling on eight days, viz: 2d, 3d, 4th, 9th, 10th, 19th, 20th and 31st. Prevailing direction of the wind, E. There were 5 clear, 10 fair and 16 cloudy days. High wind on the 20th, the temperature fell 33° in eighteen hours. A blizzard on the night of the 27th, the temperature fell 30° in ten hours. The total precipitation for 1887, is 33.74 inches, which is 18.28 inches below the mean of the past eight years. The mean temperature of the year is 58°.4, which is 1°.9 above the mean of the past eight years, and above any except 1881.

**PUTNAM COUNTY**—A. T. PURVIANCE, Observer, Hennepin. Highest temperature, 57°.0, on the 4th; lowest, -11°.0, on the 30th; range, 68°; greatest daily range, 41°.0, on the



28th; least daily,  $7^{\circ}.0$ , on the 29th; mean daily range,  $18^{\circ}.2$ ; mean maximum temperature,  $35^{\circ}.7$ ; mean minimum,  $17^{\circ}.5$ . The mean temperature of the month was  $26^{\circ}.6$ . The precipitation was 3.53 inches, falling on seven days, viz: 2d, 4th, 11th, 20th, 21st, 28th and 31st. Prevailing direction of the wind, S.W. There were 6 clear, 8 fair and 17 cloudy days. Total snowfall, 9 inches, of which 5 inches remained on the ground at the end of the month.

**RANDOLPH COUNTY**—W. J. S. CATHCART, Observer, Jordan's Grove. Highest temperature,  $56^{\circ}.0$ , on the 3d; lowest, zero, on the 28th; range,  $56^{\circ}.0$ ; greatest daily range,  $20^{\circ}.0$ , on the 20th; least daily,  $1^{\circ}.0$ , on the 15th; mean daily range,  $12^{\circ}.0$ ; mean maximum temperature,  $37^{\circ}.7$ ; mean minimum,  $25^{\circ}.7$ . The mean temperature of the month was  $32^{\circ}.0$ . The precipitation was 3.41 inches, falling on eight days, viz: 1st, 2d, 3d, 4th, 9th, 10th, 19th and 20th. Prevailing direction of the wind, N.W. There were 7 clear, 7 fair and 17 cloudy days. Total snowfall, trace, of which none remained on the ground at the end of the month. Solar halos on the 25th and 28th. Hoar frost on the 13th, 14th, 17th, and 18th. Rain began at 5:40 p.m. of the 19th and continued until 10:40 a.m. of the 20th, the wind then backed from N.E to N.W. and large flakes of snow fell thickly for a few minutes. The temperature fell from  $42^{\circ}$  at 10:40 p.m. of the 20th to  $2^{\circ}$  at 7 a.m. of the 21st. There were traces of snow on the 29th, 2th and 30th, but not enough to cover the ground at any time. Red sunset on the 1st. Wild geese going north on the 13th. All the rain that has fallen here has not raised the water in the wells to what it was before the drouth.

**RICHLAND COUNTY**—CHAS. FAHS, Observer, Olney. Highest temperature,  $55^{\circ}$ , on the 3d; lowest,  $1^{\circ}$ , on the 29th; range,  $54^{\circ}$ ; greatest daily range,  $28^{\circ}$ ; on the 23d; least,  $2^{\circ}$ , on the 2d and 15th; mean daily,  $11^{\circ}$ ; Mean temperature of the month,  $31^{\circ}$ . The precipitation falling on 9 days, viz: 3d, 4th, 6th, 7th, 9th, 10th, 29th, 30th and 31st. There were 13 clear days, 7 fair and 11 cloudy days. Total snowfall, 4 inches, of which none remained on the ground at the end of the month.

**SANGAMON COUNTY**—JOHN CRAIG, Observer, Signal Corps, Springfield. Highest barometer 30.760, on the 29th; lowest, 29.450, on the 31st; mean, 30.093; range, 1.31. Highest temperature,  $56.3^{\circ}$ , on the 3d; lowest,  $-10^{\circ}.2$ , on the 28th; range,  $66^{\circ}.5$ ; greatest daily range,  $32^{\circ}.1$ , on the 20th; least,  $3^{\circ}.8$ , on the 2d; mean daily range,  $15^{\circ}.5$ ; mean maximum temperature,  $35^{\circ}.7$ ; mean minimum,  $20^{\circ}.2$ . The mean temperature of the month,  $28^{\circ}.3$ , was  $3^{\circ}.3$  below the normal for the past eight years. The precipitation, 3.35 inches, was 0.40 inch above the normal for the past eight years, falling on nine days, viz: 1st, 2d, 3d, 10th, 11th, 19th, 20th, 30th and 31st. Mean relative humidity, 75.4 per cent. Prevailing direction of the wind, S.; total movement, 6893 miles; maximum velocity, 36 miles, from the S., on the 3d. There were 6 clear, 13 fair and 12 cloudy days. Total snowfall, 3.5 inches, of which 2.0 inches remained on the ground at end of the month. Solar halos on the 7th, 25th and 29th, lunar, on the 27th and 29th. Frost on the 1st, 5th, 6th, 8th, 12th, 13th, 14th, 15th, 16th, 17th, 21st, 22d, 23d, 24th and 25th.

**SHELBY COUNTY**—A. H. HATCH, Observer, Windsor. Highest barometer, 30.904, on the 29th; lowest, 29.426, on the 30th; mean, 30.111; range 1.478. Highest temperature,  $56^{\circ}.5$ , on the 3d; lowest,  $-6^{\circ}.0$ , on the 28th; range,  $62^{\circ}.5$ ; greatest daily range,  $36^{\circ}$ , on 28th; least,  $5^{\circ}.0$ , on the 16; mean daily range,  $15^{\circ}.8$ ; mean maximum temperature of the month,  $28^{\circ}.2$ , was  $0.9^{\circ}$  above the normal for the past three years. The precipitation was 4.12 inches, was 0.92 of an inch above the normal for the past three years, falling on 11 days, viz: 2d, 3d, 4th, 7th, 9th, 10th, 20th, 21st, 27th, 30th and 31st. Mean humidity, 81.8 per cent. Prevailing direction of the wind, SE; total movement, 6.841 miles; maximum velocity, 60 miles from the SE, on the 20th. There were 6 clear, 6 fair and 19 cloudy days. Total snowfall, 5.2 inches, of which traces remained on the ground at the end of the month. There is now plenty of water. The wind storm of the 20th did some damage in the way of overturning hay-stacks and tearing down fences.

**STARK COUNTY**—EDWIN BUTLER, Observer, Toulon. Highest temperature,  $49^{\circ}$ , on the 3d; lowest,  $-13.0^{\circ}$ , on the 28th; range,  $62^{\circ}.0$ ; greatest daily range,  $27^{\circ}.0$ , on the 27th; least,  $3^{\circ}.0$ , on the 10th; mean daily range,  $10^{\circ}.0$ ; mean maximum temperature,  $29^{\circ}.2$ ; mean minimum,  $16^{\circ}.7$ . The mean temperature of the month,  $24^{\circ}.9$ . The precipitation was 3.20 inches, falling on ten days, viz: 1st, 2d, 3d, 9th, 10th, 19th, 20th, 30th and 31st. Prevailing direction of the wind, W. There were 7 clear, 10 fair and 14 cloudy days. Total snowfall, 6 inches, of which 3 inches remained on the ground at the end of the month. Lunar halos on the 29th.

**STEPHENSON COUNTY**—JOHN WRIGHT, Observer, Cedarville. Highest temperature,  $44^{\circ}.0$ , on the 6th; lowest,  $-16^{\circ}.0$  on the 29th; range,  $60^{\circ}.0$ . The mean temperature of the month was  $21^{\circ}.5$ . The precipitation was 4.28 inches, falling on 9 days, viz: 3d, 10th, 11th, 20th, 21st, 23d, 27th, 30th and 31st. Prevailing direction of the wind, NW&SW. There were 5 clear, 5 fair and 21 cloudy days. Total snowfall, 18.75 inches. Solar halos on the 21st, 24th and 28th; lunar on the 22d. Parhelia on the 30th. Hail on the 31st. On the afternoon of the 30th the severest blizzard I ever experienced struck this place from the SE., the roads being badly blocked with snow-drifts. On the 31st during the forenoon we had rain, and in the afternoon there was quite a thaw, but it froze again in the evening.

**TAZEWELL COUNTY**—REV. J. E. TERBURG, Observer, Pekin. Highest barometer, 31.039, on the 29th; lowest, 29.560, on the 31st; mean, 30.258; range, 1.479. Highest temperature,  $56^{\circ}$ , on the 3d; lowest,  $-11^{\circ}$ , on the 28th; range,  $67^{\circ}$ ; greatest daily range,  $30^{\circ}$ , on the 26th; least,  $3^{\circ}$ , on the 4th and 20th; mean daily range,  $14^{\circ}$ ; mean maximum temperature,  $34^{\circ}$ ; mean minimum,  $20^{\circ}$ . The mean temperature of the month,  $29^{\circ}$ , was  $4^{\circ}.80$  above the normal for the past 2 years. The precipitation was 5.79 inches, was 4.40 inches above the normal for the past 6 years, falling on 11 days, viz: 1st, 6th, 16th, 20th, 27th, 30th and 31st. Mean relative humidity, 81.5 per cent. Prevailing direction of the wind, SW; maximum velocity, 15.29 miles from the SE.&SW, on the 30th and 31st. There were 10 clear, 2 fair and 19 cloudy days. Total snowfall, 7.50 inches, of which 3 inches was on the ground at end of month.



Sunshine 36 per cent the real sun heat 47°. Thunder storm on the 3d. Lunar halos on the 18th and 29th. Snow on the 11th, 12th, 14th, 20th, 27th and 30th. Snow storm on the 30th. Frost on the 1st, 5th, 8th, 11th, 18th, 21st and 31st. Parhelion on 21st. Ice in Illinois river 8 inches at close of month. Winds followed by rain, SE N, NW, N, NW. Winds followed by clear or fair weather, S, SW, NW.

VERMILION COUNTY—C. JEAN TREGO, observer, Hoopeston. Highest barometer, 30.00, on the 29th; lowest, 28.76, on the 31st; mean, 29.30; range, 1.24. Highest temperature, 54°, on the 4th; lowest, -9°, on the 29th; range, 63°; greatest daily range, 27°.5, on the 28th; least, 0, on the 20th; mean daily range, 12°.7; mean maximum temperature, 32°.5; mean minimum, 19°.8. The mean temperature of the month was 27°.2. The precipitation was 4.83 inches, falling on 10 days, viz: 1st, 2d, 3d, 9th, 10th, 11th, 14th, 27th, 30th and 31st. Prevailing direction of the wind, SW. There were 9 clear, 10 fair and 11 cloudy days. Total snowfall, 9 inches, of which 4 inches remained on the ground at the end of the month. Lunar halos on the 18th, 27th and 29th. Parhelia on the 24 and 28th. Very red sunrise and sunset on the 27th and 28th. Gale on the 28th. Barometer not corrected for elevation.

WARREN COUNTY—PROF. J. C. HUTCHISON, Observer, Monmouth. Highest barometer, 30.674, on the 29th; lowest, 29.439, on the 31st; mean, 30.108; range, 1.235. Highest temperature, 53°, on the 3d; lowest, -14°, on the 28th; range, 67°; greatest daily range, 31°, on the 27th; least daily, 5°, on the 10th; mean daily range, 16°; mean maximum temperature, 31°; mean minimum, 15°. The mean temperature of the month was 23°. The precipitation was 2 inches, falling on nine days, viz: 1st, 2d, 3d, 10th, 11th, 20th, 27th, 30th and 31st. Mean relative humidity, 84 per cent. Prevailing direction of the wind, N.W. There were 12 clear, 1 fair and 18 cloudy days. Total snowfall, 16 inches, of which 4 inches remained on the ground at the end of the month. Solar halo on the 21st. A beautiful rainbow in the east on the 3d at 5 o'clock. Primary and secondary showing clear and distinct on the black

clouds. A strong gale prevailed on the 30th all day from 8 a.m., blowing from S.E., drifting the snow badly.

WILL COUNTY—ANNA B. NASH, Observer, Joliet. Highest temperature, 52°, on the 4th; lowest, -7°.0, on the 29th; range, 59°; greatest daily range, 27°, on the 4th; least, 2°, on the 28th; mean daily range, 11°.1; mean maximum temperature, 33°.2; mean minimum, 21°.1. The mean temperature of the month was 27°.2. The precipitation, 3.17 inches, falling on 8 days, viz: 5d, 3d, 9th, 10th, 19th, 24th, 27th and 30th. Prevailing direction of the wind, SW. There were 3 clear, 7 fair and 21 cloudy days. Total snowfall, 8 inches, of which 6 inches remained on the ground at the end of the month.

WASHINGTON COUNTY—A. G. TUCKER, Observer, Richview. Highest barometer, 30.760, on the 29th; lowest, 29.487, on the 31st; mean, 30.095; range, 1.273. Highest temperature, 55°.3, on the 3d; lowest, -1° 2, on the 28th; range, 56° 5; greatest daily range, 25°.3, on the 20th; least, 2°.3, on the 15th; mean daily range, 10°.9; mean maximum temperature, 36°.3; mean minimum, 25°.3. The mean temperature of the month 31° 9, was 1° 2 above the normal for the past three years. The precipitation 4.14 inches, was 0.33 of an inch above the normal for the past 3 years, falling on 13 days, viz: 2d, 3d, 4th, 7th, 10th, 11th, 19, 20th, 27th; 30th and 31st. Mean relative humidity, 84.5, per cent. Prevailing direction of the wind, SE & NW. There were 11 clear, 4 fair and 16 cloudy days. Total snowfall, 1.25 inches, of which none remained on the ground at the end of the month. Parhelia on the 28th. Fog on the 7th, 8th, 9th and 10th and very dense on the 31st.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature, 58°.0, on the 4th; lowest, 4°.0, on the 28th; range, 54°; greatest daily range, 19°, on the 13th; least, 0, on the 4th and 11th. The mean temperature of the month, 35°.2, was 1°.2 below the normal for the past 5 years. The precipitation, 3.96 inches was the normal for the past 5 years, falling on 7 days, viz: 2d, 3d, 4th, 7th, 9th, 10th and 31st. There were 9 clear, 6 fair and 16 cloudy days. Gale on the 20th.



## SCHOOL REPORTS.

*The Complete December report received are as follows:*

DOUGLAS COUNTY, NEWMAN SCHGOL, Observer, Newman. Highest temperature, 55°.0, on the 3d; lowest, -4°.0, on the 29th; range, 58°.0. The mean temperature of the month, 29°.0. The precipitation, 3.00 inches, falling on 11 days, viz.: 2d, 3d, 6th, 7th, 8th, 9th, 10th, 27th, 28th, 30th, and 31st. Prevailing direction of the wind, S.W. and W. There were 9 clear, 8 fair, and 14 cloudy days. Sleet on the 30th and 31st.

FORD COUNTY, A. C. RISHEL, Observer, Gibson City. Highest temperature, 54°.0, on the 3d; lowest, -7°.0; on the 28th and 29th; range, 61°.0. The mean temperature of the month, 28°.9. The precipitation, 2.12 inches, falling on 7 days, viz.: 3d, 9th, 10th, 11th, 20th, 29th, and 30th. Prevailing direction of the wind, W. There were 7 clear, 9 fair, and 15 cloudy days. Total snowfall, 3 inches. Lunar halos on the 27th.

DEWITT COUNTY, ADA STOCKHOUSE, Observer, Wapello. Highest temperature, 51. on the 1st; lowest, -7° on the 28th; range, 58°.5; greatest daily range, 40° on the 27th; least daily range, 2° on the 25th; mean temperature of the month, 29°.1. The precipitation was 4.75 inches falling on 7 days, viz.: Rain, 1st, 3d, 8th, 19th, 20th, 27th, and 31st; snow on 8 days, 9th, 10th, 12th, 20th, 22d, 23d, 27th, and 30th. There were 19 cloudy, 3 fair, and 9 clear days. Prevailing direction of wind, S.W. Total snowfall about 4 inches, of which 2 inches remain on the ground at the end of the month. Solar halo on the 21st and 23th. Bright sun dogs on the 28th nearly all day. Snowstorm from east, 30th.

LIVINGSTON COUNTY, HENRY SEELY, Observer, Dwight. Highest temperature, 52°.9, on the 4th; lowest, -11°.9, on the 29th; range 64°.8; greatest daily range, 40°, 1, on the 4th; least daily range, 3°.3, on the 10th; mean daily range, 16°.4; mean maximum, 34°.2; mean minimum, 17°.8. The precipitation was 3°.58 inches, falling on 9 days, viz.: 1st, 2d, 9th, 11th, 14th, 19th, 27th, 29th, and 30th. Snow fell on the 11th, 14th, 27th, and 30th; rain on the 1st, 2d, 3d, 9th, 11th, 19th, and 20th. Prevailing direction of the wind was S.W. There were 9 clear, 4 fair, and 18 cloudy days. Total snowfall, 6 inches. Solar halo on the 21st lasted all day, 28th, from sunrise until 4 P. M. Lunar halo on the 26th dim, on the 28th bright, lasting from 11 P. M. to 5 A. M. Frost on the 3d, 4th, 5th, 6th, 7th, 8th, 11th, 13th, 16th, 22d, 23d, and 24th. Meteor 5 P. M. on the 7th in the E., which traveled N. and downward. At first it was very bright, and when it was about half way between the zenith and the horizon it burst, its color changing to green at the same time. Thunder on the 3d at 12:30 P. M., followed by several flashes of lightning. On the 20th the temperature fell 28°.9, and on the 27th 45°.

KNOX COUNTY, HUSTON and MARSH, Observers, Wataga High School. Highest barometer, 30.210, on the 29th; lowest, 29.010, on the 31st; mean, 29.637; range, 1.200. Highest temperature, 60°, on the 3d; lowest, -10°, on the 22c; range, 70°, greatest daily range, 29°.

on the 27th; least,  $1^{\circ}$ , on the 22d; mean daily range,  $13^{\circ}.1$ ; mean maximum temperature,  $34^{\circ}.2$ ; mean minimum,  $21^{\circ}.1$ . The mean temperature of the month,  $27^{\circ}.6$ . The precipitation, 2.71 inches, falling on 7 days, viz.: 1st, 2d, 3d, 10th, 11th, 30th, and 31st. Prevailing direction of the wind, W. There were 6 clear, 8 fair, and 17 cloudy days. Total snowfall, 12 inches, of which 2 inches remained on the ground at the end of the month. Solar halos on the 21st; lunar on the 8th, 25th, and 29th. There was a very brilliant sunset on the 22d, long streaks of light in the shape of an open fan, extending from the sun for some time after it sunk below the horizon. The clouds were crimson, shading into a bright amber color.

LA SALLE COUNTY, CLYDE LOVELESS, Observer, Earlville. Highest temperature,  $51^{\circ}$ , on the 3d; lowest,  $-10^{\circ}$  on the 29th. The mean temperature of the month,  $25^{\circ}.7$ . The precipitation, 2.35 inches, falling on 10 days, viz.: 3d, 9th, 10th, 11th, 12th, 19th, 20th, 27th, and 31st. Prevailing direction of the wind, S and W. There were 8 clear, 9 fair, and 14 cloudy days. Total snowfall, 9 inches. Solar halos on the 20th, 21st, 22d, and 28th. This was the mildest December experienced here in several years. The most noticeable feature was the copious rain of the 20th, which turned to heavy snow, while the temperature went down to zero.

WHITESIDE COUNTY, CLASS OF '88, SECOND WARD SCHOOL, Observers, Sterling. The mean temperature for the month from tri-weekly observations, was  $23^{\circ}.6$ . Highest temperature,  $51^{\circ}$ , on the 4th; the lowest,  $16^{\circ}$ , on the 29th; range,  $67^{\circ}$ . The total precipitation was 3.23 inches, falling on 9 days, viz.: 2d, 3d, 10th, 27th, and 30th. The total snowfall was 12.5 inches, of which 4 inches remained on the ground at the end of the month. Frost on the 5th, 6th, 7th, 8th, and 14th, and sleet on the evening of the 1st and on the 6th. The weather has been cold throughout the month, but there was a copious rainfall on the 31st, and a summing up of the weather gives us 20 cloudy, 6 fair, and 5 clear days. On the 19th there was a solar halo, and on the clear and cold mornings of the 22d, 3 sun dogs appeared, extending over a large portion of the sky, two being north and one south of the sun. The prevailing winds were from the W. and S.E., and in force light.

SCOTT COUNTY, S. POWELL PUFFER, Observer, Winchester. Highest temperature,  $58^{\circ}.0$ , on the 18th, lowest,  $-8^{\circ}.0$ , on the 27th; range,  $66^{\circ}.0$ ; greatest daily range,  $38^{\circ}.0$ , on the 31st; least,  $40^{\circ}.0$ , on the 10th; mean daily range,  $19^{\circ}.0$ ; mean maximum temperature,  $44^{\circ}.0$ ; mean minimum,  $25^{\circ}.0$ . The mean temperature of the month,  $31^{\circ}.0$ . The precipitation, 6.00 inches, falling on 5 days, viz.: 1st, 2d, 3d, 20th, and 27th. Prevailing direction of the wind, N.W. There were 8 clear, 8 fair, and 15 cloudy days. Total snowfall, 20 inches.

CLAY COUNTY, A. M. ROSE, Observer, Ingraham. Highest temperature,  $48^{\circ}.0$ , on the 3d, 10th, 18th, and 31st; lowest, zero, on the 28th; range,  $48^{\circ}.0$ . The mean temperature of the month,  $32^{\circ}.7$ . Prevailing direction of the wind, S.W. There were 9 clear, 7 fair, and 15 cloudy days. Total snowfall, 1.50 inches. Sleet on the 30th. Frost on 4th, 5th, 6th, 13th, 14th, and 17th.

COOK COUNTY, H. B. ALLEN, Observer, Wheeling. Highest barometer, 30.900, on the 29th; lowest, 29.709, on the 31st; range, 1.200. Highest temperature,  $56^{\circ}.0$ , on the 3d; lowest, zero, on the 29th; range,  $56^{\circ}.0$ ; greatest daily range,  $31^{\circ}.0$ , on the 4th; least,  $1^{\circ}.0$ , on the 15th; mean daily range,  $13^{\circ}.6$ ; mean maximum temperature,  $36^{\circ}.0$ ; mean minimum,  $22^{\circ}.4$ . The mean temperature of the month was  $29^{\circ}.1$ . Precipitation, 4.10 inches, falling on 10 days, viz.: 2d, 3d, 7th, 11th, 20th, 21st, 23d, 27th, 30th, and 31st. Prevailing direction of the wind, S.W. There were 7 clear, 5 fair, and 19 cloudy days. Total snowfall, 6.5 inches, of which about 4.0 inches remained on the ground at the end of the month. Solar halos on the 28th; lunar on the 17th. Hail on 2d and also sleet. Frosts on 5th, 6th, 7th, 8th, 9th, 14th, 23d, 29th, and 30th.

ST. CLAIR COUNTY, AUG. GIERSCNER, Observer, New Athens. Highest temperature  $58^{\circ}.0$ , on the 3d; lowest,  $-4^{\circ}.0$ , on the 28th; range,  $62^{\circ}.0$ . The mean temperature of the month,  $34^{\circ}.6$ . The precipitation, 4.30 inches, falling on 10 days, viz.: 1st, 2d, 3d, 10th, 11th,



19th, 20th, 27th, 30th, and 31st. Prevailing direction of the wind, S. There were 5 clear, 5 fair, and 21 cloudy days. Total snowfall, a trace, of which 0 remained on the ground at the end of the month. Frosts, 6th, 12th, 13th, 14th, 15th, 16th, 17th, 20th, 21st, 22d, 23d, 24th, 25th, 26th, 27th, 28th, 29th, 30th and 31st. In consequence of the steady low temperature during the last part of the month, ice formed on the river, lakes, and ponds of sufficient thickness to insure a good harvest of ice.

IROQUOIS COUNTY, C. C. WILSON, Observer, Cesna Park. Highest temperature, 54°.0, on the 3d; lowest, -10°.0, on the 29th. The mean temperature of the month was 27°.6. Prevailing direction of the wind, S.W. There were 8 clear, 7 fair and 16 cloudy days. Sleet on the 30th.

PERRY COUNTY, CHAS. ZEIGLER, Observer, Old DuQuoin. Highest temperature, 57°.0, on the 3d; lowest, 2°.0, on the 29th. The mean temperature of the month was 34°.4. The precipitation was 3.10 inches, falling on six days, viz: 2d, 3d, 9th, 10th, 20th and 31st. Prevailing direction of the wind, N.W. There were 8 clear, 8 fair and 15 cloudy days.

KANKAKEE COUNTY, E. A. SIZER, JR., Observer, Kankakee. Highest temperature, 56°.0, on the 8th; lowest, -7°.0, on the 29th; range, 63°; greatest daily range, 36°.0, on the 28th; least, 5°.0, on the 10th; mean daily range, 18°.0; mean maximum temperature 40°.0, mean minimum, 22°. The mean temperature of the month, 26°.1. The precipitation was 2.20 inches, falling on six days, viz: 2d, 3d, 9th, 10th, 30th and 31st. Prevailing direction of the wind, S. There were 7 clear, 8 fair and 16 cloudy days. Total snowfall 6 inches, of which none remained on the ground at end of the month. Sleet on the 27th.

ANNUAL SUMMARY FROM VOLUNTEER OBSERVERS.

Meteorological observations made by Dr. Fred Brendel, at Peoria, for the year ending December 31, 1887.

MONTH.	Mean Pressure.	TEMPERATURE.			Mean Relative Humidity.	Total Precipitation (Rain and Melted Snow).	Total Snowfall.	Days with Rain or Snow
		Mean	Max.	Min.				
1887.								
January .....	29.585	21	56	-21	74	1.10	4.00	7
February .....	29.717	32.7	57	-1	72	5.45	1.70	11
March .....	29.669	38.9	73	12	66	0.94	7.00	6
April .....	29.542	57.3	90	28	53	1.53	.....	7
May .....	29.541	71.1	93	48	59	1.24	.....	9
June .....	29.557	77.7	101	53	59	1.53	.....	7
July .....	29.570	83.2	106	59	59	2.85	.....	8
August .....	29.603	76.7	104	52	58	2.72	.....	7
September .....	29.652	68.6	98	41	62	2.53	.....	9
October .....	29.666	50.4	86	21	65	2.14	.....	8
November .....	29.651	41.1	75	5	66	1.62	.....	7
December .....	29.651	29.9	56	-6	76	3.65	7.00	12
Sums .....	.....	6486	106	-21	769	27.3	19.7	98
Averages .....	29.617	54.1	.....	.....	64	.....	.....	.....

Meteorological observations made by A. H. Hatch, voluntary observer at Windsor, for the year ending December 31, 1887.

MONTH.	Mean Pressure.	TEMPERATURE.			Mean Relative Humidity.	Total Precipitation (Rain and melted Snow).	Total Snowfall.
		Mean	Max.	Min.			
1887.							
January .....	30.115	21.8	60.0	-19.0	78.2	1.49	8.50
February .....	30.225	30.3	68.7	2.0	81.0	3.30	1.40
March .....	30.160	38.9	69.7	17.4	70.7	2.66	11.90
April .....	29.988	52.4	86.4	22.9	66.8	2.34	1.00
May .....	29.990	69.9	91.5	47.0	71.6	4.25	.....
June .....	30.035	75.1	99.7	51.0	64.8	1.01	.....
July .....	30.003	80.8	106.1	52.8	68.7	2.87	.....
August .....	30.003	74.5	101.9	48.4	65.6	2.13	.....
September .....	30.033	68.1	95.4	33.4	66.0	2.74	.....
October .....	30.086	50.5	81.6	20.0	67.0	0.82	Traces.
November .....	30.101	40.0	76.4	4.0	69.7	5.62	1.00
December .....	30.111	28.2	56.5	-6.0	81.8	4.13	5.20
Sums .....	360.790	602.5	782.9	273.9	85.19	33.36	29.10
Averages .....	30.065	50.2	65.2	22.8	70.9	2.78	2.4



Rainfall summary at Oswego, Kendail Co., by J. S. Seely, Voluntary Observer.

YEARS.	Amount —inches.	1887.	
		MONTHS.	Amount —inches.
1880.....	43 28	January.....	2.98
1881.....	39 23	February.....	4.29
1882.....	41 36	March.....	0 80
1883.....	38 71	April.....	0 48
1884.....	36 16	May.....	2.78
1885.....	35 43	June.....	0.29
1886.....	30 05	July.....	1.21
1887.....	26 51	August.....	3.48
		September.....	2.70
Mean.....	36 34	October.....	2.34
		November.....	1 78
		December.....	3.38
		Total.....	26.51

It will be seen from this table that the rainfall of the past year at Oswego, was 9.93 inches below the mean of 8 years, and 11.25 inches below the mean of the 7 preceding years. It is also 16.77 inches below that of 1880, the greatest, while it is 3.54 inches below that of 1886, the least during the 7 preceding years. It will also be seen that since 1882, there has been a gradual decrease in the annual rainfall.

Further, an inspection of the monthly rainfall during 1887, will show that the deficiency is even greater than is represented by so many inches, for the greatest deficiency was when it was wanted most for the growing crops. The January and February precipitation mostly ran off the frozen ground into the streams, and so was lost. What fell in August and after was too late for the summer crops.





[illegible]

**Table of Daily and Mean Daily Minimum Temperatures reported by Voluntary and Signal Service Observers for the Month of December, 1887. (From Self Registering Thermometers only.)**

MINIMUM TEMPERATURE.																																
STATIONS.																																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	
NORTHERN DIVISION.																																
County.		Place.																														
11	27	34	23	16	22	34	24	29	36	25	18	29	30	21	21	22	24	32	33	2	4	9	5	14	15	19	19	4	-5	z'ro	16	19.3
25	34	34	23	16	23	30	32	30	34	26	17	24	25	22	24	22	25	33	34	-1	1	8	1	15	19	19	8	-6	-8	-10	19	18.8
20	32	32	25	19	23	33	33	30	30	30	19	28	28	28	28	26	28	29	26	3	7	10	12	19	19	17	7	2	-7	-5	18	21.0
31	40	41	28	23	29	32	32	38	39	29	22	3	30	26	30	25	36	37	14	1	18	6	16	16	16	17	25	-8	-10	-4	20	20.0
24	33	35	28	19	25	32	28	32	37	29	20	28	24	26	24	24	30	30	22	2	4	11	4	6	17	25	-8	-10	-4	20	20.0	
27	26	34	35	15	15	23	24	24	31	29	10	1	21	22	22	20	20	30	32	6	-1	1	1	8	4	11	-8	-9	-11	6	17.5	
27	26	36	23	16	24	28	26	32	32	16	15	26	25	19	16	26	27	30	6	-7	10	-3	8	4	4	21	-14	-13	6	19	15.0	
28	33	40	24	16	24	30	34	31	38	21	16	25	23	24	25	27	31	31	34	8	7	11	11	20	25	20	3	z'ro	1	32	22.4	
28	32	35	28	15	15	25	27	31	34	26	14	25	16	22	22	17	28	30	30	-4	6	6	-2	10	14	20	-10	-16	-10	-6	19	5
29	29	27	13	18	17	27	28	32	36	27	14	27	26	24	26	22	31	33	29	z'ro	2	10	4	9	13	12	12	-12	-12	-6	18	17.8
28	35	34	20	12	27	29	24	27	32	14	7	25	24	20	18	17	22	30	-5	-5	-	-	-2	6	12	-2	-12	-16	-6	19	14.1	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19.0	
CENTRAL DIVISION.																																
29	34	37	37	18	26	31	27	33	36	25	23	26	25	21	21	21	32	37	34	-3	1	7	3	13	4	28	-11	-8	4	22	20.0	
33	37	38	27	24	32	30	27	35	34	..	24	35	26	22	25	24	25	33	6	-3	2	18	5	13	8	z'ro	-11	-8	8	19	19.8	
24	33	39	28	19	23	30	29	31	38	28	22	27	27	26	24	24	31	32	20	1	3	11	4	10	8	7	-8	-9	2	31	19.8	
25	34	39	28	20	24	34	25	33	33	27	24	27	30	23	19	23	34	34	8	-3	3	9	12	10	18	10	-7	-6	8	23	20.8	
28	36	37	29	21	27	37	29	37	37	26	22	24	28	22	25	22	30	36	7	-3	2	11	8	7	18	10	-10	-7	9	22	2.2	
30	37	40	28	22	28	38	33	38	36	26	22	28	32	23	25	24	30	36	15	z'ro	3	14	8	11	17	8	-10	-5	11	22	21.4	
24	33	36	30	20	20	34	28	37	39	30	26	25	27	23	27	24	32	31	2	9	4	12	8	8	18	28	-6	-4	10	23	21.6	
38	42	37	26	33	35	36	39	38	38	26	34	30	23	27	34	34	38	30	2	16	11	11	16	23	23	-8	-7	8	10	30	25.0	
22	38	39	37	20	26	38	26	36	38	34	25	26	27	25	21	21	25	39	28	-4	z'ro	10	7	9	15	18	-9	-6	18	24	22.2	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21.2	
Mean		Mean																														



[illegible]

Daily and Monthly Mean Temperatures, in Degrees, Fahrenheit, reported to the Illinois Department of Agriculture, by Voluntary and Signal Service Observers for the month of December, 1887. (These means are deduced from the three observations taken by Voluntary Observers, generally, at 7 A. M., 2 P. M. and 9 P. M., Local Time, and by Signal Service Observers, at 7 A. M., 3 P. M. and 10 P. M., 75th Meridian Time.)

DECEMBER, 1887.

STATIONS.

STATIONS.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean		
NORTHERN DIVISION.																																			
County.	Place.																																		
Lake	.....Lake Forest	33	36	43	30	29	34	33	35	38	38	26	25	30	30	23	27	26	32	37	37	37	6	11	19	15	21	23	24	2	16	14	32	26.8	
McHenry	.....Riley	29	34	41	27	25	32	31	32	34	34	23	21	25	28	23	23	23	30	34	34	33	2	5	15	10	16	19	17	8	11	27	22.2		
McHenry	.....Woodstock	28	34	39	25	24	32	31	31	33	33	27	22	23	29	23	23	24	30	34	34	32	1	2	14	10	15	16	19	9	8	28	21.7		
Stephenson	.....Cedarville	31	35	40	23	24	33	31	33	34	33	21	19	24	28	23	22	29	32	33	33	8	5	13	13	15	18	10	10	7	6	27	21.5		
Book	.....Chicago	33	38	44	36	28	27	39	39	37	39	31	25	35	34	28	28	27	26	41	38	38	11	21	21	14	20	24	28	1	3	16	33	28.1	
Kane	.....Aurora	32	35	45	30	26	34	34	36	36	35	28	24	31	30	26	26	26	32	35	34	3	8	17	12	19	24	19	23	19	6	4	10	29	24.6
DeKalb	.....Sycamore.	31	35	42	28	26	33	32	34	36	35	26	23	25	30	26	26	26	31	35	33	4	10	19	11	19	23	19	6	4	14	28	24.0		
Marshall	.....Lanark	30	35	33	25	26	32	32	32	33	34	27	19	29	29	26	21	26	30	33	33	1	2	15	9	15	17	16	16	8	4	9	28	23.0	
Lee	.....Prairieville	32	38	46	29	28	35	35	35	35	35	25	23	27	28	25	24	27	32	34	29	3	5	17	10	18	21	22	24	2	9	13	29	24.2	
Will	.....Joliet	35	38	42	31	29	34	35	35	38	38	31	26	31	32	30	29	30	33	39	35	z'r	5	11	14	16	22	26	24	2	9	12	25	27.2	
Kendall	.....Oswego	32	36	42	32	25	33	34	38	35	37	29	22	29	30	27	26	26	33	36	31	z'r	6	19	10	19	24	24	24	6	5	10	30	25.8	
LaSalle	.....Ottawa	33	35	45	29	26	33	32	32	35	36	28	24	29	33	28	29	29	35	38	27	4	7	19	11	18	23	21	21	6	3	13	31	25.2	
Rock Island	.....Davenport, Ia	29	40	42	35	26	35	45	33	34	37	31	20	33	33	26	25	29	33	42	35	3	7	21	10	16	19	19	29	1	2	9	33	26.5	
Livingston	.....Pontiac	36	41	48	35	30	40	37	34	38	37	30	25	33	32	29	29	32	37	39	29	1	8	21	13	20	25	24	24	5	7	16	33	27.4	
Marshall	.....Lacon	36	42	52	35	34	39	39	40	39	40	31	29	38	34	30	31	35	39	41	28	8	14	24	15	21	27	23	23	2	7	22	33	29.9	
Peoria	.....Peoria	23	36	47	35	28	34	36	35	38	40	32	27	34	34	28	27	31	34	40	29	5	12	20	11	18	24	24	31	3	1	15	34	27.2	
Rock Island	.....Watska	33	38	48	27	27	35	34	34	36	34	26	28	33	29	26	25	31	35	33	20	1	6	17	12	14	23	14	14	5	2	19	27	24.8	
Stark	.....Onida	31	36	45	30	29	35	36	34	37	33	25	32	32	28	24	23	28	31	33	24	2	8	18	8	13	21	20	20	13	12	30	24.9		
Warren	.....Mouth	33	38	47	26	28	31	33	32	37	33	22	24	32	29	21	23	32	34	33	15	1	8	16	10	13	22	12	12	6	2	18	29	23.0	
Whiteside	.....Sterling	39	38	45	26	28	36	33	34	35	34	28	24	28	29	27	26	30	34	35	26	4	11	16	14	18	22	22	15	8	1	16	28	23.6	
Henry	.....Geneseo	37	41	53	53	39	44	46	44	38	37	34	27	40	36	29	27	38	35	38	34	5	10	29	13	24	25	31	31	1	7	21	38	23.2	
Book	.....Wheeling	32	37	48	34	1	33	50	35	39	35	28	24	28	32	26	30	32	44	36	33	8	13	21	21	29	32	29	29	4	6	24	36	29.1	
Boone	.....Belvidere	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23.8	
gle	.....Mt. Morris	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24.4	
utnam	.....Hennepin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26.6	
Mercer	.....Aledo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27.8	
Mean.....		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25.2	
CENTRAL DIVISION.																																			
azewell	.....Pekin	35	40	52	34	32	37	38	38	38	38	28	29	36	34	29	29	35	38	40	24	4	10	22	15	18	27	22	22	7	20	32	29.0		
rancock	.....Keokuk, Iowa	36	42	45	32	35	39	36	37	37	36	28	33	39	33	26	28	34	37	34	16	4	13	28	12	19	22	17	17	5	3	21	24	27.3	



Vermilion.....	Hoopeston.....	30	33	48	39	29	37	34	39	37	35	37	40	31	28	36	32	34	36	28	5	13	19	12	18	23	11	-2	8	24	32	27.2
Champaign.....	Mahomet.....	34	36	49	35	28	37	34	39	37	36	40	40	31	29	28	32	40	40	27	5	11	21	12	19	26	26	-2	4	18	33	27.9
Champaign.....	Philo.....	36	38	44	36	30	36	35	39	36	39	41	42	34	28	31	38	42	25	4	10	22	12	18	30	32	-1	6	20	32	29.6	
Logan.....	Beason.....	35	39	51	33	28	35	38	39	36	38	39	36	32	28	28	36	38	19	4	9	24	12	16	26	19	z'ro	6	22	28	23.9	
Cass.....	Ashland.....	31	35	49	39	28	34	39	42	39	44	44	39	32	27	33	41	41	28	8	12	23	14	18	26	26	z'ro	6	18	36	28.8	
Edgar.....	Paris.....	34	39	49	37	30	36	36	42	39	40	40	39	32	27	36	36	41	23	3	10	25	13	17	26	24	-2	5	20	33	28.3	
Sangamon.....	Springfield.....	35	38	50	32	26	35	37	38	38	44	44	37	30	28	32	37	37	18	2	8	25	10	20	26	23	-7	6	22	32	26.6	
Pike.....	Griggsville.....	33	36	53	35	30	36	36	39	36	44	44	41	33	30	38	37	40	30	8	13	22	13	19	29	34	2	10	21	33	30.0	
Coles.....	Mattoon.....	36	38	51	36	30	36	36	40	38	43	43	42	32	29	38	36	41	28	7	14	24	13	18	30	32	1	9	21	34	28.2	
Shelby.....	Windsor.....	36	40	50	36	30	34	34	41	42	42	42	40	34	33	34	37	42	22	5	12	31	14	24	30	29	-2	10	24	34	30.2	
Greene.....	White Hall.....	36	40	50	36	30	34	34	41	42	42	42	40	34	33	34	37	42	22	5	12	31	14	24	30	29	-2	10	24	34	30.2	
Morgan.....	Jacksonville.....	36	40	51	33	31	38	38	41	39	39	39	37	30	29	35	37	48	17	4	12	26	13	20	28	19	z'ro	8	25	30	28.3	
Fulton.....	Fairview.....	38	43	43	34	35	43	43	44	46	45	45	34	31	35	35	43	42	13	10	19	32	14	20	30	21	z'ro	10	22	31	31.0	
Logan.....	Lincoln.....	34	34	48	30	28	34	38	38	44	39	40	40	32	27	34	45	45	26	4	11	21	14	21	26	26	-2	5	17	32	28.9	
Scott.....	Winchester.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Ford.....	Gibson City.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Christian.....	Pana.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Clark.....	Martinsville.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Macoupin.....	Virden.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
State average.....	State average.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21	10	17	24	14	z'ro	7	19	28	25.7	
Mean.....	Mean.....	30	32	46	35	23	31	34	34	34	38	38	35	29	23	29	39	37	2	2	9	21										

# METEOROLOGICAL REPORT.

Daily and Monthly Precipitation, in inches and hundredths, reported to the Illinois Department of Agriculture by Voluntary and Signal Service Observers for the month of December, 1887.

[illegible]









Livingston.....	41	488	26	26.0	34.2	17	8	52.9	4-11.9	29	64.8	16.4	3	58	1.43	3	6.0	1.8	9	4	18	0	S. W.	Henry Seely,
ing.....	42	887	55	29.1	36.0	22	4	56.0	3 zero	29	56.0	13.6	3	10	1.25	3	6.5	4.0	7	5	19	10	S. W.	H. B. Allen.
eo.....	41	30	90	15	23.2	31.4	14.1	53.4	4-16.0	29	69.4	17.3	30	17	0.75	30	...	...	7	10	14	6	S. W.	Prof. N. W. Thomson.
ans.....	...	...	...	25.3	...	...	...	...	...	...	...	14.3	...	3.92	...	...	11.7	...	7	6	18	10	S. W.	...
CENTRAL DIVISION.																								
Tazewell.....	465	40	35	59	39	29.0	34.0	20.0	56.0	3-11.0	28	67.0	14.0	5.79	1.40	2	7.5	3.0	10	2	19	11	S. W.	Rev. J. E. Terborg.
lk, Ia.....	618	40	25	91	25	27.3	35.8	19.8	57.0	3-11.4	28	68.4	16.0	2.73	1.47	3	10.0	3.0	10	14	7	10	N. W.	F. Z. Gosewisch, S. S. Obs.
ston.....	40	30	87	40	27.2	35.8	19.8	54.0	4-9.0	29	63.0	16.0	2	4.82	2.06	2	6.0	4.0	9	10	11	10	S. W.	Miss C. Jean Trego.
Champaign.....	771	39	59	88	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S.	Dr. C. L. Myers.
net.....	40	12	88	26	27.9	...	...	54.0	3-7.0	28	61.0	...	...	4.05	1.45	3	3.0	2.0	6	8	17	10	S.	J. W. C. Gray.
d.....	700	39	49	88	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S. W.	L. H. Sullivan.
nd.....	...	39	55	90	1	23.9	34.8	20.7	54.5	3-7	28	61.5	14.1	5.85	2.30	3	5.5	1.0	11	2	18	10	S. W.	W. W. Gailey, M. D.
Edgar.....	...	39	38	87	42	28.8	...	52.0	3-4.0	28	56.0	...	31	4.39	1.50	31	2.1	T.	9	10	11	11	S. W.	Wilbur T. Cook.
field... Sangamon...	644	39	47	89	40	28.3	35.7	20.2	56.3	3-10.2	28	66.5	15.5	3.33	1.13	3	8.0	3.5	6	13	12	9	S.	John Craig, S. S. Obs.
sville... Pike.....	650	39	41	90	40	26.6	...	55.0	3-9.0	28	58.0	...	2	4.05	1.50	2	6.2	4.0	7	8	16	7	S. W.	L. Eastman.
na, Mo. Pike.....	...	39	10	91	18	29.7	37.2	22.2	57.0	3-9.0	28	66.0	15.0	3.62	2.30	3	4.0	1.0	...	...	...	...	S. W.	M. J. Hassler.
on.....	724	39	29	88	23	30.0	...	55.0	3-5.0	28	66.0	...	3	4.10	1.35	3	2.0	T.	8	7	16	11	S.	Wm. Dozier.
or.....	760	39	25	89	7	25.7	...	48.0	3-8.0	21	56.0	...	20	6.41	2.08	20	5.0	3.0	8	10	13	9	N. W.	J. K. Eberle.
Shelby.....	716	39	30	88	35	28.2	37.4	21.6	56.5	3-6.0	28	62.5	15.8	4.94	1.08	20	5.2	T.	6	6	19	11	S. E.	A. H. Hatch.
sville... Clark.....	610	39	21	87	54	29.5	...	54.0	4-2.0	29	56.0	...	...	3.00	...	...	...	...	7	8	16	7	S. W.	J. B. Sheapley.
Macoupin.....	...	39	32	89	45	29.8	...	56.0	3-10.0	28	66.0	...	...	...	...	...	...	...	8	4	14	...	S. E. & N. W.	A. C. Gish.
Hall... Greene.....	480	39	27	90	25	30.2	...	54.0	3-4.0	29	58.0	...	...	2.37	...	...	...	...	9	7	15	5	S. E. & N. W.	P. J. Bates.
onville... Fulton.....	664	39	45	90	18	28.3	33.8	21.4	54.7	3-6.9	28	61.6	12.4	3.03	1.94	3	5.0	2.0	7	8	16	8	S. & W.	Prof. P. J. Hasenstab.
ew.....	40	38	91	10	...	...	...	40.0	3-12.0	30	52.0	...	...	1.94	...	...	10.7	7.0	8	8	15	7	S.	Miss Mary C. Bennett.
ester... Scott.....	...	39	35	90	15	31.0	44.0	25.0	58.0	18-8.0	27	66.0	19.0	6.00	3.20	2	2.0	0	8	8	15	5	N. W.	H. D. Tricky.
n.....	40	11	89	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	W. T. Bromfield.
n.....	39	50	91	15	...	...	...	54.0	...	...	29	61.0	...	2.12	1.62	3	3.0	...	7	9	15	7	W.	Daniel E. Robbins.
n City... Ford.....	40	30	88	30	28.9	...	...	...	3-7.0	29	61.0	...	...	...	...	...	...	...	...	...	...	...	...	A. C. Rishel.
ans.....	...	...	...	27.9	...	...	...	...	...	...	...	15.2	...	4.05	...	...	5.3	...	8	8	15	8	S. W.	...
NORTHERN DIVISION.																								
ine..... Crawford.....	39	2	87	37	...	...	...	...	7-4.0	29	55.0	...	...	...	...	...	...	...	7	9	15	...	N. W.	Jno. E. Templeton.
Effingham.....	38	55	88	30	34.5	...	...	59.0	3-3.0	29	52.0	11.0	...	5.04	2.45	2	3.0	0	8	6	17	9	S. E.	Geo. Strong.
Fayette.....	39	0	89	7	31.5	36.4	25.4	55.0	3-5.0	28	61.0	15.6	4	4.68	1.38	3	2.3	0	9	4	18	11	S.	Jos. Urbani.
ville... Bond.....	38	58	89	25	9	6	37.8	22.2	56.0	3-4.0	28	60.0	14.4	3.25	0.92	4	...	...	5	9	19	8	S.	M. S. Oudyn, Ph. G.
sville... Madison.....	600	38	40	90	0	23.8	36.8	22.4	56.0	3-2.0	29	58.0	...	2.70	...	...	1.1	1.0	12	6	13	8	...	Dr. J. L. R. Wadsworth.
er..... Lawrence.....	38	45	88	52	32.5	...	...	56.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	J. A. Fyffe.
Richland.....	38	45	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chas. Fahs.
Clay.....	38	45	88	30	32.0	39.0	25.0	56.0	3-zero	28	56.0	14.0	...	3.55	...	...	2.0	0	10	4	17	7	...	L. A. Michels.
Clinton.....	38	40	89	30	33.0	...	...	62	3-3.0	28	65	...	4	4.04	1.20	4	1.3	0	10	8	13	11	S.	Wm. Rogan.
uis, Mo. St. Clair.....	571	38	45	90	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	V. P. Chappel, S. S. Obs.
utah... St. Clair.....	38	30	89	50	31.4	37.9	25.0	56.0	4-3.0	28	59.0	12.9	...	4.20	1.40	2	2.7	0	...	...	...	12	...	Dr. G. Lebrock.
ld..... Wayne.....	530	38	20	88	20	35.2	...	58.0	4-4.0	18	54.0	...	...	3.96	...	...	1.3	0	9	6	16	7	...	Jacob Hall.
iew..... Washington,	580	38	20	89	10	31.9	36.3	25.3	55.3	3-1.2	28	56.5	10.9	4.14	0.87	19	1.3	0	11	4	16	13	S. E. & N. W.	A. G. Tucker.
-Mile... Perry.....	...	...	...	33.2	...	...	...	54.0	3-1.0	28	53.0	...	2	2.53	1.25	2	0.5	0	7	9	15	5	S. E.	Wm. B. Anderson.

Continued.

PLACE OF OBSERVATION.	Altitude above sea —in feet.	Latitude N.	Longitude W.	TEMPERATURE.—Deg. Fahr.						PRECIPITATION.					NO. OF DAYS.				Prevailing direction of wind.	NAME OF OBSERVER.		
				Max.		Min.		Date.	Degree.	Monthly range.	Mean daily range.	Total inches rain and melted snow.	Greatest daily.	Date.	Total snowfall.	On ground at end of month.	Clear.	Fair.			Cloudy.	On which 01 inch or more pr. cip. fell
				Degree.	Degree.	Degree.	Degree.															
Leansboro	...	38 7 88	35 34.0	58.0	2	— 1.0	29	59.0	..	..	3 29	1.00	2	0.5	0	9	6	16	9	S. W. & S. E.	Wm. P. Gibbs.	
ton, .....	...	38 2 88	56 42.5	60	4	17.0	22	43	..	..	3 25	1.00	2—4	...	0	11	3	7	11	N. W.	John McPherson.	
ian's Grove.	...	38 14 89	48 32.0	56 0	3	zero	28	56 0	12.0	..	3 41	..	...	T.	0	9	7	17	8	N. W.	W. J. S. Cathcart.	
conda ...	...	37 25 88	25 35 7	63.0	3	6.0	29	57.0	...	...	1 84	0.70	3	T.	0	5	10	16	8	E.	J. E. Y. Hanna.	
v Athens.	...	38 16 89	55 34.6	58.0	3	— 4.0	28	62.0	...	...	4 30	...	...	T	...	5	5	21	10	S.	August Gierschner.	
und City..	...	37 7 89	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Dr. B. C. Taber.	
o. ....	359	37 0 89	10 36 3	58 2	14	5.0	26	53.2	15 5	...	4 12	1.81	31	...	...	6	11	14	12	S.	C. L. Bozzell, S. S. Obs.	
ion .....	...	38 24 88	6 3.28	54 0	3	zero	29	51 0	...	...	3 6	0.9	31	2.0	0	10	3	18	8	S.	B. T. Michels.	
tralia ...	492	38 33 89	10 31.0	58.0	4	— 1.0	29	58 0	...	...	3 52	...	...	...	...	8	7	16	..	S. E. & W.	J. L. Hallam.	
Means .....	...	...	33 3	...	...	...	...	...	13.3	...	3 64	...	...	1.7	...	8	7	16	9	S.		
State Averages.....	...	...	28.8	...	...	...	...	...	14.3	...	3 87	...	...	6.2	..	8	7	16	9	S. W.		



## BAROMETER FOR DECEMBER, 1887.

STATIONS.	Mean.	Highest.	Date.	Lowest.	Date.	Range.
NORTHERN DIVISION.						
Lake Forrest.....	30.099	30.717	1	29.652	31	1.065
Chicago.....	30.041	30.690	29	29.460	31	1.230
Aurora.....	29.961	30.575	29	29.340	31	1.225
Prairieville .. .	29.825	30.400	29	29.200	31	1.200
Oswego.....	30.215	30.714	29	29.459	31	1.255
Monmouth.....	30.108	30.674	29	29.439	31	1.235
*Lacon.....	29.699	30.440	29	28.970	31	1.470
*Peoria .. .	29.651	30.276	29	28.960	31	1.316
Watseka .. .	30.101	30.729	29	29.509	31	1.220
Kankakee.....	.....	.....	.....	.....	.....	.....
Mean.....	30.048	.....	.....	.....	.....	.....
CENTRAL DIVISION.						
Pekin.....	30.258	31.039	29	29.650	31	1.479
Keokuk, Ia. ....	30.048	30.680	29	29.410	31	1.280
*Hoopeston .. .	29.330	30.000	29	28.76	31	1.210
*Wataga.....	29.637	30.210	29	29.010	31	1.200
Springfield.....	30.093	30.760	29	29.450	31	1.310
Griggsville .. .	29.995	30.560	29	29.600	31	0.960
Windsor.....	30.111	30.904	29	29.426	31	1.478
Martinsville .. .	.....	.....	.....	.....	.....	.....
Jacksonville.....	30.063	30.651	29	29.409	31	1.342
Mean.....	30.095	.....	.....	.....	.....	.....
SOUTHERN DIVISION.						
Vandalia.....	30.110	30.850	29	29.520	31	1.330
St. Louis Mo.....	.....	.....	.....	.....	.....	.....
Richview.....	30.095	30.760	29	29.487	31	1.273
Cairo.....	30.099	30.690	29	29.550	31	1.140
Mean.....	30.101	.....	.....	.....	.....	.....
State.....	30.081	.....	.....	.....	.....	.....

\*Not corrected for elevation.

# COMPARATIVE MEAN TEMPERATURE AND PRECIPITATION FOR DECEMBER, 1887.

STATIONS.		MEAN TEMPERATURE, Deg. Fahrenheit.				PRECIPITATION, Inches and hundreths.			
		Normal.	No. of years.	Oct., 1887.	Departure + or -.	Normal.	No. of years.	Oct., 1887.	Departure + or -.
NORTHERN DIVISION.									
<i>County.</i>	<i>Place.</i>								
Lake.....	Lake Forest.....	22.5	2	26.8	+4.3	3.27	2	4.04	+0.67
McHenry.....	Riley.....	21.6	26	22.2	+0.6	1.97	27	3.31	+1.34
Stephenson.....	Cedarville.....					2.45	2	3.68	+1.23
Cook.....	Chicago.....	28.7	16	28.1	-0.6	2.26	16	3.67	+1.41
Kane.....	Aurora.....	24.6	8	24.6	0.0	2.65	9	4.25	+1.60
DeKalb.....	Sycamore.....	24.0	6	24.0	0.0	2.76	6	3.02	+0.26
Kendall.....	Oswego.....					2.29	6	3.38	+1.09
LaSalle.....	Ottawa.....					2.38	6	3.33	+1.05
Lee.....	Prairieville.....	2.72	3	24.2	-3.0	3.93	7	9.02	+5.09
Peoria.....	Peoria.....	28.6	32	29.9	+1.3	2.41	32	3.65	+1.24
Iroquois.....	Watseka.....	25.8	3	27.2	+1.4	3.18	3	4.11	+0.93
CENTRAL DIVISION.									
Ford.....	Melvin.....								
Tazewell.....	Pekin.....	24.0	2	29.0	+5.0	1.52	6	5.79	+4.17
Hancock.....	Keokuk, Iowa.....								
Champaign.....	Philo.....								
Sangamon.....	Springfield.....	31.6	8	28.3	-3.3	2.95	8	3.33	+0.38
Pike.....	Griggsville.....	23.6	2	26.6	+3.0	1.86	2	4.05	+2.19
Pike.....	Louisiana, Mo.....	31.4	2	29.7	-1.7	2.53	2	3.62	+1.09
Coles.....	Mattoon.....	29.7	7	30.0	+0.3	3.02	7	4.10	+1.08
Christian.....	Pana.....	25.7	3	25.7	0.0	2.82	6	6.41	+3.59
Shelby.....	Windsor.....	27.3	3	28.2	+0.9	3.20	3	4.94	+1.74
Greene.....	White Hall.....	30.0	4	29.8	-0.2	1.86	4	2.37	+0.51
SOUTHERN DIVISION.									
Crawford.....	Palestine.....								
Bond.....	Greenville.....	30.2	10	29.6	-0.6	4.21	10	4.68	+0.47
Madison.....	Collinsville.....	31.8	8	29.8	-2.0	1.90	8	3.24	+1.35
Lawrence.....	Sumner.....	28.8	2	32.5	+3.7	2.80	2	2.70	-0.10
Clay.....	Flora.....	28.2	2	32.0	+3.8	3.34	2	3.65	+0.31
Clinton.....	Irishtown.....	30.0	2	33.0	+3.0	3.08	2	4.04	+0.96
St. Clair.....	St. Louis, Mo.....								
Washington.....	Richview.....	30.7	3	31.9	+1.2	3.81	3	4.14	+0.33
Hamilton.....	McLeansboro.....	33.9	6	34.0	+0.1	3.97	6	3.29	0.68
Pope.....	Golconda.....	34.0	9	35.7	+1.7	3.07	9	3.67	+0.60
Alexander.....	Cairo.....	37.8	16	36.3	-1.5	3.56	16	4.12	+0.56



COMPARATIVE METEOROLOGICAL DATA FOR ILLINOIS DURING DECEMBER.

Nature of Data.	1881.	1882.	1883.	1884.	1885.	1886.	1887.
Highest pressure, inches.....	30.693	30.914	30.553	30.828	30.707	30.700	31.039
Lowest " ".....	29.080	28.870	28.960	28.911	28.910	29.488	29.200
Mean " ".....	29.951	29.892	29.974	30.126	30.029	30.186	30.081
Range of " ".....	1.63	2.044	1.593	1.917	1.797	1.212	1.839
Highest temperature, degrees.....	67.0	56.0	72.0	67.0	65.0	65.0	63.0
Lowest " ".....	4.0	-18.0	-11.0	-21.0	-21.0	-26.0	-18.0
Mean " ".....	36.7	27.7	31.8	27.0	30.9	22.2	28.8
Range of " ".....	63.0	74	83	88.0	86.0	91.0	81.0
Greatest daily range of temp.deg.	26.5		43	45	36.3	43.0	45.0
Least " ".....	2.0		1	0	0.0	0.0	0.0
Mean " ".....	10.7		14	11.8	14.0	15.7	14.3
Mean relative humidity, per cent.	75	74	74	78	75	77	78
Average number of clear days....	8		10	4	11	10	8
Average number of fair days.....	12		10	8	10	9	7
Average number of cloudy days..	11		11	19	10	12	16
Average number of days on which .01 inch or more precip. fell..	15	20	15	22	15	8	9
Greatest monthly precipitation, in	8.54	3.88	5.14	9.57	5.01	3.56	9.02
Least monthly precipitation, in.	1.40	0.30	0.53	3.21	1.55	0.38	1.54
Average monthly precipitation, in.	3.27	2.17	2.27	5.46	2.87	1.66	3.87
Prevailing direction of wind.....	S.	N.W.	N.W.	N.W.	S.	N.W.	S.W.
Average snowfall, in inches.....					8.	8.4	6.2

ANNUAL MONTHLY TEMPERATURE AND TOTAL PRECIPITATION.

MONTHLY MEAN TEMPERATURE.													TOTAL PRECIPITATION.											
STATIONS.																								
</																								





Annual Maximum and Minimum Temperature From Self-Recording Instruments.

STATIONS.		January.		February.		March.		April.		May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Av. range	
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.			
NORTHERN DIVISION.																											
Place.		County.																									
Woodstock.	.....	40.0	-24.5	45.0	-10.0	64.0	-	1.0	86.0	16.0	86.5	40.5	99.0	46.0	102.0	41.0	101.0	40.0	85.0	28.0	.....	62.0	8.0	43	-17.0	126.5	
Chicago	.....	52.0	-15.3	58.0	-7.0	68.0	9.3	82.2	19.1	5.7	42.3	96.4	47.9	99.8	64.5	97.7	49.1	90.0	41.0	82.0	14.2	67.0	-1.1	53.4	-4.8	115.1	
Aurora.	.....	45.0	-25.0	54.0	-5.0	71.0	5.0	86.0	18.0	92.0	40.0	99.0	44.0	104.0	50.0	..	46.0	93.0	32.0	85.0	16.0	69.0	-1.0	52.0	-10.0	129.0	
Joliet.	.....	49.0	-21.0	51.0	-2.0	78.0	8.0	88.0	22.0	93.9	40.0	99.0	49.0	102.0	50.0	100.0	52.0	98.0	32.0	75.0	17.0	86.0	zero	52.0	-5.3	123.0	
Neponset.	.....	46.0	-26.0	54.0	-10.0	70.0	6.0	84.0	19.8	89.0	44.0	98.0	44.0	102.0	49.0	....	....	93.0	32.0	85.0	14.0	....	....	....	....	123.0	
Davenport.	.....	50.3	-25.6	55.2	-9.8	70.0	9.1	82.0	16.4	90.0	44.2	97.0	50.7	99.0	56.1	93.3	46.2	93.2	42.1	83.4	17.3	....	....	....	....	124.6	
Peoria	.....	55.0	-21.0	57.0	-1.0	73.0	12.0	90.0	28.0	93.0	48.0	101.0	53.0	106.0	59.0	104.0	52.0	98.0	41.0	86.0	21.0	75.0	5.0	56.0	-6.0	127.0	
Watsaka	.....	56.0	-28.0	57.8	-0.5	70.3	11.5	87.8	19.8	91.8	42.0	95.8	47.8	105.0	47.0	106.0	45.4	93.5	28.4	82.3	15.2	75.0	1.2	45.5	-9.5	134.0	
Hennepin	.....	53.0	-31.0	56.0	-5.0	74.0	8.0	90.0	20.0	89.0	44.0	102.0	42.0	108.0	44.0	107.0	45.0	98.0	30.0	88.0	14.0	72.0	-2.0	57.0	-11.0	139.0	
CENTRAL DIVISION.																											
Pekin	.....	53.0	-27.0	56.0	-4.0	74.0	11.0	87.0	23.0	....	....	98.0	45.0	104.0	55.0	104.0	47.0	95.0	33.0	85.0	19.0	74.0	zero	56	-11	131.0	
Keokuk, Ia.	.....	55.3	-18.5	66.4	-6.9	72.0	18.7	85.9	22.1	88.6	47.9	95.2	50.1	100.0	59.9	100.0	47.6	95.7	36.2	84.1	20.2	75.8	7.1	57	-11.4	118.5	
Hoopston	.....	65.0	-30.0	60.0	-4.0	67.0	10.5	87.0	17.0	92.0	38.0	94.0	52.0	99.5	50.0	100.5	47.5	93.0	32.9	81.0	17.5	74.0	2.0	54	-9.0	130.5	
Ashland	.....	61.0	-18.2	54.8	+0.3	71.2	18.0	84.5	26.0	86.0	48.3	96.0	50.7	99.7	57.8	102.0	48.0	97.5	29.0	....	....	78.0	4.5	54.5	-7.0	....	
Springfield.	.....	60.0	-19.2	78.7	-2.0	69.7	77.4	86.4	22.9	91.5	47.0	100.0	42.0	106.0	55.0	104.5	46.0	102.0	29.0	89.0	19.0	81.0	zero	57	-9.0	117.9	
Louisana, Mo	.....	60.0	-19.2	78.7	-2.0	69.7	77.4	86.4	22.9	91.5	47.0	100.0	42.0	106.0	55.0	104.5	46.0	102.0	29.0	89.0	19.0	81.0	zero	57	-9.0	117.9	
Windsor	.....	55.5	-22.0	64.1	-2.5	71.1	17.3	83.3	21.8	85.5	50.7	99.7	51.0	106.0	52.3	102.0	48.4	95.4	33.0	81.6	20.0	75.4	4.0	56.5	-6.0	125.2	
Jacksonville	.....	55.5	-22.0	64.1	-2.5	71.1	17.3	83.3	21.8	85.5	50.7	99.7	51.0	106.0	52.3	102.0	48.4	95.4	33.0	81.6	20.0	75.4	4.0	56.5	-6.0	125.2	
SOUTHERN DIVISION.																											
Vandalia	.....	60.0	-18.0	66.0	+6.0	70.0	19.0	...	...	88.0	52.0	98.0	48.0	102.0	60.0	101.0	51.0	93.0	37.0	80.0	23.0	71.0	9.0	55	3.0	120	
Greenville.	.....	60.0	-18.0	72.0	+3.5	75.0	21.5	84.5	28.0	85.0	51.0	96.0	51.0	104.0	63.0	102.0	46.0	100.0	37.0	85.0	19.0	79.0	6.0	56	-5.0	....	
Collinsville.	.....	61.0	-16.0	69.0	+10.0	70.0	14.0	81.0	24.0	85.0	47.0	95.8	49.0	99.5	64.0	101.5	48.0	97.0	38.0	85.0	23.0	75.5	10.0	56	-4.0	117.5	
Flora	.....	61.0	-16.0	72.0	+6.0	82.0	16.0	49.0	30.0	90.0	4.0	99.0	46.0	102.0	60.0	100.0	50.0	95.0	34.0	82.0	22.0	76.0	6.0	56	zero	118.0	
Mascoutah	.....	65.6	-9.6	74.1	+3.9	79.1	22.9	86.7	31.6	89.0	51.1	67.0	57.7	100.0	68.0	105.0	48.0	101.0	36.0	82.0	22.0	82.0	10.0	56	-3.0	121.0	
St. Louis, Mo	.....	61.2	-14.0	70.0	+7.8	74.7	15.3	86.0	27.0	85.5	51.4	98.2	50.0	104.0	61.9	103.0	49.8	97.4	44.8	86.5	24.0	79.3	1.5	51	....	109.6	
Richview	.....	61.2	-14.0	70.0	+7.8	74.7	15.3	86.0	27.0	85.5	51.4	98.2	50.0	104.0	61.9	103.0	49.8	97.4	44.8	86.5	24.0	79.3	1.5	51	....	109.6	
Calro	.....	66.1	-1.1	72.4	+11.5	74.6	24.2	87.0	32.9	86.6	52.9	95.7	54.3	97.0	66.2	97.2	57.8	98.2	35.4	84.1	20.6	79.0	8.1	55.3	-1.2	118.0	
Alexander	.....	66.1	-1.1	72.4	+11.5	74.6	24.2	87.0	32.9	86.6	52.9	95.7	54.3	97.0	66.2	97.2	57.8	98.2	35.4	84.1	20.6	79.0	8.1	55.3	-1.2	118.0	



Annual Summary for Mattoon, furnished by Wm. Dozier, Voluntary Observer.

MONTHS.	TEMPERATURE.			PRECIPITATION.		NO. OF DAYS ON WHICH OCCURRED													Prevailing wind.				
	Mean degrees.	Maximum degrees.	Minimum degree.	Total rain and snow, inches.	Total snow, inches.	Rain.	Fog.	Snow.	Thunder.	Mud.	Moist.	Dry.	Ice formed.	No ice formed.	Temp. below zero	Sleet.	Hail.	White frost.		First and last frost date.	First and last ice date	Cloudy.	
January.....	24	65	-21	1.30	4.50	2	2	5	4	8	3	20	26	5	7	1	1	1	...	...	...	8	S.
February.....	38	72	6	4.25	1.2	12	2	3	4	16	6	6	15	13	..	1	1	...	...	...	...	16	N.
March.....	41	74	18	3.20	3.90	3	...	6	...	6	7	18	16	15	..	2	...	...	10	...	...	10	N.
April.....	53	89	22	2.93	0.50	6	...	1	4	7	3	20	7	23	..	...	...	6	16	16	...	8	N.
May.....	66	91	50	4.72	...	14	2	...	10	9	4	18	...	31	..	...	...	...	...	...	...	11	E.
June.....	73	99	54	1.03	...	7	...	...	7	...	6	24	...	30	..	...	...	...	...	...	...	7	S.
July.....	81	108	62	1.36	...	8	...	...	6	1	4	26	...	31	..	...	...	...	...	...	...	5	N.
August.....	74	104	51	3.23	...	8	...	...	4	1	4	26	...	31	..	...	...	...	...	...	...	6	N.
September.....	67	99	34	3.10	...	9	1	...	2	6	1	23	...	30	..	...	...	1	24	...	10	N.	
October.....	48	85	19	0.97	0.01	6	0	1	1	2	5	26	7	24	..	...	...	9	...	12	7	S. & S.	
November.....	39	76	4	6.84	0.44	4	1	1	2	4	2	24	10	20	..	2	...	...	9	...	...	9	S.
December.....	30	55	-5	4.10	2.00	8	3	3	...	12	8	11	24	7	2	2	...	...	12	...	...	16	S.
Total.....	....	108	-21	36.97	12.56	87	9	20	46	72	53	242	105	260	9	5	1	48	...	...	...	113	S.
Means.....	52.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

SUMMARY AT MATTOON.

From June 1st to November 23d, 175 days, we had 145 dry days and only 9.50 inches of rain during the 175 days. We had on the 4th and 11th of August, 2.25 inches and 2.50 inches the last week in September, and therefore only 4.75 inches during the rest of the 175 days. This 4.75 inches occurred on 30 different days, sometimes in showers of only a few drops, and at no one time more than 0.50 of an inch: yet at no period of the 175 days were there more than two weeks without rain.

The temperature in the shade, by standard Signal Service thermometers, during the summer, was above 100 degrees on 17 different days, and above 90 degrees on 59 days. The highest was 108 on July 29th and 30th (highest in the sun, 124 degrees).

The season was about 18 per cent. cloudy, and therefore the excessive heat and much sunshine the greater portion of the 175 days, dried up the light showers in a few minutes. Such a heated season would require about 7 inches more rain than cooler seasons, whereas we had only one-fourth the amount required to make a good crop season. The rainfall during one-half the 11 days immediately following November 23d, was nearly equal to that of the 175 days, being 8.50 inches, 5 inches on November 26th.





Annual Summary of Meteorological Observations, made by John W. James, Voluntary observer at Riley, McHenry county, for the year ending December 31, 1887.

MONTH.	TEMPERATURE.		Total precipitation (rain and melted snow.	Total snow-fall.	No. of days below 32°.	STATE OF WEATHER.			Mean cloudiness, p. c.	Per cent of sunshine.	DEPARTURE FROM NORMAL.		
	Mean.	Max.				Min.	Clear days.	Fair days.			Cloudy days.	Temperature.	Precipitation.
January.....	11° 1	42° 0	-24° 9	3.59	15.5	13	7	12	62	42	-6° 4	+1.77	
February.....	21° 6	47° 1	-11° 0	4.82	10.0	14	8	4	68	36	-0° 2	+3.16	
March.....	28° 8	64° 1	-2° 3	1.01	6.5	5	9	15	54	53	-1° 2	-1.57	
April.....	47° 0	81° 4	17° 8	1.55	.....	4	11	11	52	53	+2° 6	-1.19	
May.....	62° 9	86° 5	40° 5	0.95	.....	9	16	8	39	65	+6° 3	-2.39	
June.....	69° 0	94° 2	45° 5	1.23	.....	7	11	14	46	60	+2° 8	-2.86	
July.....	75° 1	97° 6	50° 3	2.70	.....	11	18	8	35	71	+4° 7	-1.14	
August.....	68° 1	98° 2	44° 2	4.85	.....	12	9	12	54	48	-0° 4	+1.22	
September.....	59° 3	85° 7	36° 7	4.61	.....	13	9	8	57	43	-1° 1	+0.75	
October.....	43° 2	79° 3	12° 5	2.75	.....	8	15	7	44	59	-4° 4	+0.14	
November.....	32° 6	65° 5	-3° 4	1.87	5.5	8	11	10	51	53	-0° 4	-0.11	
December.....	22° 2	48° 7	-14° 0	3.31	15.5	16	5	7	74	27	+0° 5	+1.34	
Sums.....	540.9	.....	.....	33.24	54	120	129	116	636	610	.....	.....	
Averages.....	45° 1	.....	.....	2.77	11	10	11	10	53	53	.....	.....	

Table of Thunderstorm Data, compiled by Wm. Dozier, Voluntary Observer, at Mattoon.

MONTHS.	Date.	First heard.	Lowest.	Last heard.	DIRECTION.		RAINFALL.			WIND.			TEMPERATURE.		REMARKS— Refers only to the Thunder.
					Coming from.	Going towards.	Began.	Ended.	Amount.	Before.	During.	After.	Before.	After.	
*January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February	1	17	18	19	E.	W.	17	24	.10	E. 1	E. 1	0	30	32	Mild and seldom.
	2	6	6	6	E.	W.	mist	mist	.01	0	0	0	32	32	Mild—once heard.
	10	4	4.30	5	S.	N.	4	5	.20	S. 2	S. 4	S. 2	44	52	Normal.
	10	8	8	8	W.	E.	7	8	.28	S. 2	S. 2	S. 1	54	66	Once heard.
	17	17.30	17.30	18	S.	N.	6	20	.46	S.E. 2	S. 5	S. 3	59	61	Three peals.
25	20	21	22	S.W.	N.E.	20	24	.32	S.E. 1	S.W. 4	S.W. 3	48	40	Normal.	
*March	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April	21	16.30	16.30	16.30	S.W.	N.E.	16	22	.30	S.E. 2	S.E. 2	W. 4	51	51	Two peals.
	22	2	7	8	W.	E.	2	9	.80	W. 6	W. 2	N. 1	55	66	Normal.
	25	17	.....	19	S.W.	S.E.	.....	.....	.....	S. 3	S. 2	S. 1	48	46	Mild.
	26	2	2.50	3	N.W.	E.	2	4	.46	0	W. 4	S.W. 1	54	57	Normal.
May	1	11	12	12.30	S.W.	N.E.	12	12.10	.01	S.E. 2	S.E. 2	S. 1	79	72	Mild and distant.
	2	12.30	12.30	12.30	S.W.	N.	11.30	12.0	.03	S. 4	S.W. 7	W. 3	76	70	One distant peal.
	4	6	6.30	7	S.W.	N.E.	5	7	.08	N. 2	N. 2	N. 1	54	65	Mild.
	4	17	19	22	S.W.	E.	18	22	1.00	N. 2	N. 3	0	77	60	Many loud peals.
	12	17.30	18	18.30	N.W.	E.	18	19	.02	E. 2	N.W. 3	S. 1	80	65	Mild.
	16	18	18	19	S.E.	N.	0	0	0	S.W. 3	0	S.W. 1	87	68	Mild and seldom.
	21	12	13.30	15	S.	N.	13	17	.08	0	S.E. 4	S.E. 3	91	66	Above normal.
	22	21	22	23	W.	E.	22	24	1.10	S.E. 1	W. 5	S.E. 2	88	68	Normal.
	23	13	14	14	S.W.	N.E.	13	14	.40	S.E. 1	0	S. 1	69	66	Mild.
	24	13	13.30	14	W.	E.	13.15	15	.25	S.E. 2	W. 4	0	83	60	Normal.
	29	22	22	24	W.	E.	22	6	.53	0	W. 1	0	56	56	Mild and seldom.
	31	11	11	11	W.	E.	6	12	.30	0	0	0	56	66	Mild and seldom.
June	1	11	11.20	12	N.W.	E.	11	13	.48	0	0	0	65	75	Normal—shower.
	5	18.30	18.30	18.30	W.	E.	18.30	18.45	.08	S. 2	0	S.E. 3	80	68	Mild—twice heard.
	7	12	15	16	W.	S.E.	13	16	.08	S. 1	0	S. 1	87	70	Normal.
	8	16	16.45	17	W.	E.	17	19	.06	S. 3	W. 4	S. 2	88	70	Distant—seldom.
	9	11.30	12	13	N.E.	W.	12	13	.31	0	N.E. 5	N.E. 3	87	70	Normal.
	18	22	22	22	N.W.	E.	22.30	22.35	.01	0	N.W. 4	0	72	68	Mild—two small local clouds.
	20	12	12.30	12.45	N.W.	E.	12.30	12.35	.01	S.W. 1	0	0	97	89	Mild—one small cloud.



July .....	1 3 6 7 †8 20 21	15 16.10 19 11 ..... 22 14	15 20 20 15 ..... 23 16	15 21 0 13 ..... 23 15	17 21 0 16 ..... 23 15	.02 .10 0 .24 ..... .20 .10	S. 3 S. 3 N.W. 1 0 ..... 0 0	S. 3 0 0 S. 2. ..... W. 2 0	0 0 0 0 ..... 0 0	92 88 89 93 ..... 82 94	78 Light cloud—mild and seldom 71 Normal. 75 Mild—small cloud. 74 Normal. ..... Sultry. 76 Mild. 75 Normal.
August .....	3 4 11 11 14	15 13 5 16 10	15 14 6.30 19 18	0 14 5.30 18 18	0 15 7 23 20	0 .64 .91 .61 .32	N. 1 W. 6 S. 3 S. 2 S.W. 1	N. 1 W. 6 N. 2 0 N. 1	0 0 S. 2 W. 3 0	101 104 79 94 104	101 One distant peal. 79 Normal—gale from the W. 64 Normal. 75 Many long and loud peals. 74 Above normal.
September.....	†7 9 29	..... 18 13	..... 18.20 13	..... 17 12	..... 19 15	.04 .02 .35	N.W. 5 S.E. 1 S.E. 1	..... N.W. 6 W. 3.	..... N. 3 0	80 99 63	79 Normal. 72 Mild. 55 One peal.
October.....	2	17	20	19	24	.53	S. 2	N.W. 5	N.W. 4	79	56 Above normal.
November .....	9 26 26	12 7 20	12.50 7.30 20	8 1 ¶	15 9 ¶	.30 1.50 3.50	S.E. 2 0 0	S. 2 0 0	N. 3 0 S. 2	44 49 49	39 Mild, distant and seldom. 50 " 58 "
*December .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NOTE.—The time in the above table is reckoned from 1 to 24 and from midnight to midnight. The figures after the direction of the wind, denote the force which is calculated on a scale of 10. "1" means light breeze, between 1 and 2 miles an hour; "2," a gentle breeze, from 3 to 5 miles an hour; "3," means fresh breeze, from 6 to 14 miles; "4" a strong wind, from 15 to 24 miles; "5" a high wind, from 25 to 39 miles; "6" a gale, or 40 to 59 miles an hour, and so on.

\* None during month.  
† Several thunder clouds in sight from noon till night.  
‡ Before daylight.  
¶ All day.  
§ Next day.

## SUMMARY OF PRESSURE TEMPERATURE AND RAINFALL FOR 1887

MONTHS AND NUMBER OF STATIONS.	PRESSURE.			TEMP'TURE.			RAINF'L.		WIND.
	Highest.	Lowest.	Mean.	Highest.	Lowest.	Mean.	Average inches.	Av. No. days on which rain fell.	
NORTHERN DIVISION.									
January, 28 stations.....	30.760	29.122	29.959	56	-32	14.5	2.64	9	N. W.
February, 26 stations.....	30.935	28.813	30.126	58	-13	25.7	4.99	10	N. W.
March, 29 stations .....	30.796	29.323	30.045	78	-7	31.8	1.02	5	N. W.
April, 28 stations.....	30.571	29.062	29.970	90	12	50.1	1.13	5	S. W.
May, 27 stations.....	30.598	29.552	30.014	98	35	65.2	1.77	7	S. E.
June, 27 stations.....	30.400	29.420	29.951	104	42	72.0	1.61	6	S. W.
July, 28 stations .....	30.110	29.610	29.912	106	40	78.5	2.33	6	S.
August, 27 stations .....	30.230	29.710	29.996	108	40	72.0	3.52	7	N. E.
September, 26 stations .....	30.440	29.690	30.048	98	29	63.0	3.36	10	S. E.
October, 26 stations.....	30.652	29.201	30.026	92	12	46.5	2.49	6	N. W.
November, 26 stations.....	30.853	29.120	30.022	86	-6	36.2	1.70	5	S. W.
December, 28 stations.....	30.729	29.200	30.048	60	-18	25.3	3.92	10	S. W.
Average .....			30.009	....	....	48.4	30.48	7	S. W. & N. W.
CENTRAL DIVISION.									
January, 25 stations .....	30.932	29.165	30.044	65	-30	19.7	1.27	7	N. W.
February, 23 stations.....	31.027	29.101	30.126	73	-7	31.8	4.40	11	N. W.
March, 22 stations .....	30.750	29.458	30.030	75	10	38.1	1.70	6	N. W.
April, 21 stations.....	30.571	29.284	29.961	90	17	53.0	2.69	7	S. & S. W.
May, 19 stations .....	30.277	29.507	29.971	95	40	67.9	3.84	11	S. E.
June, 20 stations.....	30.300	29.760	29.988	102	42	73.6	1.62	5	S. W.
July, 21 stations.....	30.180	29.680	29.961	108	48	80.4	1.65	5	S. W.
August, 23 stations .....	30.220	29.750	29.955	104	40	75.2	2.56	5	S. E.
September, 19 stations .....	30.500	29.630	30.034	102	30	66.4	3.68	8	S. E.
October, 19 stations.....	30.786	29.497	30.081	89	16	51.4	1.01	5	N. W.
November, 22 stations.....	30.780	29.441	30.105	81	20	40.4	3.35	5	N. W.
December, 20 stations .....	31.039	29.410	30.095	58	-12	29.9	4.05	8	S. W.
Average .....			30.029	....	....	51.1	31.82	7	N. W.
SOUTHERN DIVISION.									
January, 23 stations .....	30.730	29.289	30.051	66	-18	27.6	1.39	5	S.
February, 20 stations.....	30.764	29.202	30.146	75	3	38.8	5.00	13	N. W.
March, 21 stations .....	30.530	29.545	30.080	82	14	43.6	4.19	6	N. W.
April, 21 stations .....	30.372	29.306	29.980	95	24	56.8	3.97	6	S.
May, 22 stations.....	30.380	29.589	29.975	96	46	69.9	3.44	10	S.
June, 20 stations.....	30.360	29.700	29.995	104	46	74.6	2.12	7	S.
July, 22 stations .....	30.160	29.760	29.956	108	59	81.0	2.19	6	S.
August, 20 stations .....	30.160	29.730	29.960	105	46	77.8	1.39	4	N. & N. E.
September, 20 stations.....	30.340	29.630	30.007	102	34	70.0	2.66	7	S.
October, 20 stations.....	30.540	29.655	30.080	89	19	53.3	0.96	3	N. W.
November, 18 stations .....	30.750	29.539	30.107	82	-2	40.2	1.06	5	S. W.
December, 19 stations .....	30.850	29.487	30.101	63	-5	33.3	3.64	9	S.
Average .....			30.036	....	....	55.6	32.12	7	S.
State average. ....			30.025	....	....	51.7	31.47	7	N. W.



E AND DE

Y.		NOVEMBER.				DECEMBER.				
Mean.	Depart from the Normal.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.
57.6	-2.5	-3.0	63	21	38.3	+2.1	45	12	17.5	-5.7
58.7	-3.5	-3.4	69	13	40.5	-0.1	56	12	20.0	-7.0
66.0	-0.7	-0.8	78	25	46.1	+2.0	65	2	28.0	-3.8
60.8	-2.9	-2.3	78	13	41.6	+1.3	65	2	21.8	-5.5
59.0	-0.9	+5.5	73	3	37.0	+0.8	62	-20	23.0	-0.2
66.0	+1.4	+5.4	80	9	42.0	+1.4	63	-14	26.0	-1.0
68.7	+2.0	+2.9	83	15	48.0	+3.9	70	2	35.0	+3.2
64.6	+0.9	+4.3	83	3	42.3	+2.0	70	-20	27.3	0.0
65.0	+5.1	-4.5	65	-14	26.0	-10.2	50	-22	18.0	-5.2
69.0	+4.4	-4.6	68	-8	29.0	-11.6	57	-23	21.0	-6.0
70.0	+3.3	-4.1	82	-11	33.0	-11.1	66	-16	29.0	-2.8
68.0	+4.3	-4.4	82	-14	29.3	-11.0	66	-23	22.7	-4.6
65.8	+5.9	+2.6	65	6	36.2	0.0	59	5	33.5	+10.3
69.9	+5.3	+2.0	68	3	37.7	-2.9	62	4	36.0	+9.0
71.8	+5.1	+5.4	70	16	45.7	+1.6	67	12	40.7	+8.9
69.2	+5.1	+3.4	70	3	39.9	+0.4	67	4	36.7	+9.4
55.1	-4.1	+4.9	75	6	39.5	+3.3	49	-18	23.5	+0.3
57.4	-7.1	+3.3	79	14	43.4	+2.8	53	-17	28.7	+1.7
61.5	-5.1	+3.5	82	14	47.2	+3.1	56	-5	32.4	+0.6
58.0	-5.1	+3.9	82	6	43.4	+3.1	56	-18	28.2	+0.9
53.5	-6.1	-2.1	67	zero	38.3	+2.1	59	-11	26.3	+3.1
59.7	-4.1	-0.8	69	6	41.3	+0.7	70	zero	32.6	+4.4
63.8	-2.1	+0.8	78	7	45.9	+1.8	72	4	36.9	+5.1
59.0	-4.1	-0.7	78	zero	41.8	+1.5	72	-11	31.9	+4.6
59.5	-0.1	+3.2	69	-1	36.5	+0.3	61	-21	23.3	+0.1
60.9	-3.1	+3.1	73	11	41.6	+1.0	66	-13	26.2	-0.8
64.3	-3.1	+3.1	76	13	43.9	-0.2	67	-10	31.6	+0.2
61.6	-2.1	+3.2	76	-1	40.7	+0.4	67	-21	37.0	-0.3
57.8	-2.1	-3.3	68	20	38.7	+2.5	52	-21	26.1	+2.9
60.7	-3.1	-3.1	76	20	41.3	+0.7	61	-12	30.7	+3.7
63.6	-3.1	-3.9	76	20	45.7	+1.6	65	-4	35.8	+4.0
60.7	-3.1	-3.4	76	20	41.9	+1.6	65	-21	30.9	+3.6
60.8	+0.1	+2.4	76	8	35.0	-1.2	60	-29	18.0	-5.2
66.1	+1.1	+1.5	76	6	38.9	-1.7	65	-25	21.8	-6.2
67.6	+0.1	+1.06	76	16	41.8	-2.3	61	-12	26.9	-4.9
64.8	+1.1	+1.6	76	8	38.6	-1.7	65	-29	22.2	-5.1
65.2	+5.1	-5.0	86	-6	36.2	0.0	60	-18	25.3	+1.9
67.9	+3.1	-3.2	81	zero	40.4	-0.2	58	-12	27.9	+0.8
69.9	+3.1	-4.8	82	-2	44.1	0.0	63	-5	33.3	+0.4
67.7	+4.1	-4.3	86	-6	40.2	-0.1	63	-12	28.8	+1.0
59.9	.....	.....	.....	.....	36.2	.....	.....	.....	23.4	.....
64.6	.....	.....	.....	.....	40.6	.....	.....	.....	27.1	.....
66.7	.....	.....	.....	.....	44.1	.....	.....	.....	32.9	.....
63.7	.....	.....	.....	.....	40.3	.....	.....	.....	27.8	.....

MAXIMUM AND MINIMUM TEMPERATURE AND DEPARTURE FROM THE NORMAL FOR THE YEARS SPECIFIED.

YEARS.	TERRITORY.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.				JULY.				AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.			
		Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.	Maximum.	Minimum.	Mean.	Depart from the Normal.								
1878.	Northern Division.....	54	-13	27.2	+9.2	60	-1	34.5	+10.3	78	18	45.2	+11.5	82	30	52.4	+1.9	85	35	57.6	+2.3	93	44	67.0	+1.2	102	54	76.6	+2.8	95	51	73.8	+2.2	90	34	64.7	+1.1	83	12	48.5	-3.0	63	12	38.3	+2.1	45	12	17.5	-5.7
	Central Division.....	60	-10	29.8	+9.2	63	1	35.0	+8.3	74	24	48.7	+9.7	83	34	58.0	+5.6	86	39	60.0	+5.4	93	41	68.8	+1.2	103	58	80.3	+2.8	100	54	75.4	+1.9	94	18	51.2	-3.4	69	13	40.5	-0.1	56	12	20.0	-7.0				
	Southern Division.....	61	zero	36.0	+7.0	69	1	37.5	+1.9	80	27	53.5	+9.1	83	40	60.5	+5.8	86	39	66.0	+9.7	96	50	73.2	+1.2	102	60	80.3	+1.2	102	59	74.0	+1.2	96	20	57.4	+1.0	65	13	46.1	+2.0	65	13	35.0	-3.8				
	State.....	61	-13	31.0	+7.2	69	1	36.3	+6.5	78	18	49.1	+10.0	82	30	57.0	+4.8	86	39	60.8	+9.9	96	41	69.3	+1.6	104	54	79.0	+2.4	102	51	77.1	+1.3	94	12	52.4	+2.3	65	13	41.6	+1.3	65	13	31.8	-5.5				
1879.	Northern Division.....	48	-24	14.5	-3.5	49	-21	20.0	-4.2	73	6	35.0	+1.3	89	12	46.0	-1.5	93	28	59.0	-0.9	90	39	65.0	-3.2	97	54	74.0	+0.2	95	45	71.0	-0.6	89	31	59.0	-4.6	94	16	56.0	+5.5	62	3	37.0	+0.8	62	-20	23.0	-0.1
	Central Division.....	58	-26	18.0	-4.8	60	-11	27.0	-1.7	74	6	40.0	+1.1	86	18	51.0	-1.4	93	39	66.0	+1.4	94	48	70.0	-1.0	101	58	81.0	+3.5	96	51	74.0	-0.6	90	38	63.0	-3.5	90	23	63.0	+5.4	63	-14	26.0	-0.2				
	Southern Division.....	66	-12	29.4	+1.1	67	-5	35.0	-0.6	86	zero	46.0	+1.6	90	24	55.0	-1.7	96	36	68.7	+2.0	92	48	73.0	-0.4	102	60	80.0	+1.6	102	53	74.0	-0.5	87	38	63.0	-6.2	94	24	61.0	+2.9	70	15	48.0	+3.2				
	State.....	66	-26	20.6	-3.2	67	-21	27.3	-1.5	76	zero	40.3	+1.2	90	12	50.7	-1.5	96	36	64.6	+0.9	92	39	69.3	-1.6	102	54	78.3	+1.7	102	45	75.0	+1.3	90	31	61.7	+4.7	94	16	59.0	+1.3	70	15	42.3	+2.0				
1880.	Northern Division.....	61	10	35.0	+17.0	64	-6	30.0	+5.2	65	5	33.0	-0.9	84	30	49.0	+1.5	97	32	65.0	+5.1	92	43	70.0	+1.8	96	46	72.0	-1.8	100	45	72.0	+0.4	86	32	60.0	-3.6	78	25	47.0	-4.5	65	-14	26.0	-10.2	50	-22	18.0	-5.5
	Central Division.....	63	13	41.0	+18.2	68	-1	35.0	+3.3	74	69	43.0	0.0	86	36	52.0	-0.4	90	43	69.0	+4.4	97	52	73.0	+2.0	98	52	75.0	-2.5	102	52	77.0	+2.4	88	34	63.0	-1.6	82	17	50.0	-11.6	57	-23	21.0	-6.2				
	Southern Division.....	19	19	48.8	+17.5	72	-1	41.0	+5.4	74	18	43.0	-1.4	86	36	57.0	+0.3	92	42	68.0	+4.3	98	52	73.0	-0.4	100	52	77.0	-1.4	101	48	76.0	-0.5	91	38	63.0	-3.2	84	29	54.0	-11.1	66	-16	29.0	-2.0				
	State.....	72	10	41.3	+17.5	72	-6	35.3	+5.5	74	5	38.3	-0.8	86	36	52.7	+0.5	97	32	68.0	+4.3	98	43	72.0	+1.1	100	46	74.7	+1.9	102	45	75.0	+0.8	81	32	63.0	-3.4	84	17	50.3	-11.0	66	-23	32.7	-4.0				
1881.	Northern Division.....	41	-30	12.4	-5.6	52	-16	19.1	-5.1	52	3	28.8	-5.1	82	9	40.8	-6.7	93	30	65.8	+5.9	94	39	66.1	-2.1	95	54	74.5	+0.7	101	48	75.3	+3.7	88	46	68.3	+4.7	83	32	54.1	+2.6	65	6	36.2	0.0	59	5	33.5	+10.0
	Central Division.....	44	-10	26.0	-6.8	50	-16	24.1	-5.6	60	3	33.0	-6.0	82	10	45.2	-3.2	94	37	69.9	+5.3	98	44	71.4	+0.4	103	53	79.0	+1.5	103	54	77.9	+2.3	89	43	71.6	-5.1	85	29	56.6	-2.0	62	4	36.0	+1.9				
	Southern Division.....	52	-10	23.6	-6.9	60	-4	31.3	-4.3	78	20	41.3	-3.1	87	24	53.3	-3.4	92	40	71.8	+5.1	99	50	74.5	+1.1	104	60	82.0	+3.6	102	60	83.5	+7.0	100	48	74.2	+5.0	90	35	63.5	+5.4	70	16	45.7	+1.6	67	12	40.7	+8.8
	State.....	52	-32	17.3	-6.5	60	-16	24.5	-5.3	78	12	34.4	-4.7	87	9	46.4	-5.8	94	30	69.2	+5.5	99	39	70.7	-0.2	104	53	78.5	+1.9	108	48	78.9	+4.7	100	43	71.4	+5.0	90	29	58.1	+3.4	67	4	36.7	+9.9				
1882.	Northern Division.....	62	-12	24.4	+6.4	76	-2	35.8	+11.6	69	8	37.8	+3.9	83	18	48.6	+1.1	85	29	55.1	-4.8	97	39	68.2	+0.2	97	45	69.1	-4.7	97	44	71.8	+0.2	92	30	63.3	+1.9	85	30	56.4	+4.9	75	6	39.5	+3.3	49	-18	23.5	+1.0
	Central Division.....	62	-1	28.7	+5.9	72	-9	39.0	+9.3	73	16	42.9	+3.9	83	27	53.4	+1.0	85	37	57.4	-7.2	96	41	71.3	+0.2	97	52	73.8	-3.7	97	49	72.4	-2.2	92	35	66.2	-0.3	85	33	57.9	+3.3	53	-17	28.7	+0.0				
	Southern Division.....	62	1	33.8	+3.3	72	-2	43.7	+8.1	80	24	48.8	+4.4	90	27	58.6	+1.9	90	34	61.5	-5.2	98	50	74.4	+1.0	97	54	75.1	-3.3	94	50	73.9	-2.6	95	42	68.9	+0.3	84	34	61.6	+3.5	52	14	47.2	+3.1	56	-5	32.4	+0.0
	State.....	62	-12	28.9	+5.1	76	-2	39.5	+9.7	80	8	43.2	+4.1	90	18	53.5	+1.3	90	34	58.0	-5.7	98	39	71.3	+0.4	97	45	72.7	-3.9	97	44	72.7	-1.5	95	30	66.2	-0.2	84	30	58.6	+3.9	82	6	43.4	+3.1	56	-18	28.2	+0.0
1883.	Northern Division.....	39	-29	10.6	-7.4	57	-22	18.1	-5.5	68	3	30.4	-3.5	85	23	43.1	-4.4	87	29	53.5	-6.4	95	40	67.3	-0.8	98	47	72.3	-1.5	95	47	68.1	-3.5	90	31	59.8	-3.8	85	27	49.4	-2.1	67	zero	38.3	+2.1	59	-11	26.3	+3.3
	Central Division.....	46	-22	18.8	-4.0	57	-10	27.1	-2.6	75	12	36.5	-2.5	87	27	53.2	+0.8	88	29	59.7	-4.9	94	49	69.1	-1.9	99	54	75.5	-2.0	96	52	70.7	-3.9	98	33	63.4	-3.1	86	30	53.8	-0.8	69	6	41.3	+0.7	70	zero	32.6	+4.0
	Southern Division.....	56	-11	26.4	+1.1	74	10	41.1	-3.3	90	30	57.5	+0.9	91	31	63.8	-2.8	95	42	72.7	-2.8	95	42	72.7	-1.2	99	57	76.8	-1.6	96	56	73.9	-2.6	96	34	67.6	+1.6	89	32	58.9	+0.8	78	7	45.9	+1.8	72	-4	36.9	+5.4
	State.....	56	-29	18.6	-5.2	78	-2	26.8	-1.0	75	3	36.0	-3.1	90	23	51.3	-0.9	91	29	59.0	-4.7	95	40	69.7	-1.2	99	47	74.9	-1.7	96	47	70.9	-3.3	98	31	63.6	-2.8	89	27	54.0	-0.7	78	zero	41.8	+1.5	72	-11	31.9	+4.0
1884.	Northern Division.....	49	-33	12.9	-5.1	53	-22	14.0	-0.2	68	1	32.7	-1.2	85	24	46.9	-0.6																																



# YEARS SPECIFIED.

AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.	
Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart from the Normal.	Average rainfall.	Depart. from the Normal.
4.96	+1.31	1.44	-1.81	3.78	0.00	0.90	-1.41	1.72	-0.59
6.03	+2.58	1.56	-1.71	3.21	-0.06	1.04	-1.72	1.74	-0.73
2.61	-0.49	3.05	-0.29	4.51	+1.12	2.74	-1.51	3.97	+0.37
4.53	+1.13	2.02	-1.27	3.83	+0.35	1.56	-1.55	2.48	-0.31
2.39	-1.26	1.18	-2.07	1.98	-1.80	4.26	+1.95	2.36	+0.05
3.31	-0.14	2.13	-1.14	1.57	-1.70	4.51	+1.75	2.25	-0.22
6.75	+3.65	1.48	-1.86	2.84	-0.55	4.40	+0.15	4.62	+1.02
4.15	+0.75	1.60	-1.69	2.13	-1.34	4.39	+1.28	3.08	+0.29
5.02	+1.37	5.14	+1.89	1.82	-1.96	1.29	-1.02	0.82	-1.49
3.92	+0.47	2.50	-0.77	1.62	-1.55	1.94	-0.82	0.82	-1.65
2.28	-0.82	3.56	+0.22	3.57	+0.18	3.55	-0.70	2.18	-1.42
3.74	+0.34	3.73	+0.44	2.34	-0.14	2.26	-0.85	1.27	-1.49
0.76	-2.89	4.99	+1.74	7.29	+3.51	2.92	+0.61	2.64	+0.33
1.82	-1.63	4.05	+0.78	6.78	+3.51	4.44	+1.68	3.84	+1.37
0.19	-2.91	4.08	+0.74	5.00	+1.61	5.79	+1.54	3.20	-0.40
0.92	-2.48	4.37	+1.08	5.36	+2.88	4.38	+1.27	3.23	+0.44
3.43	-0.22	1.46	-1.79	3.76	-0.02	1.87	-0.44	1.74	-0.57
4.28	+0.83	1.43	-1.74	4.53	+1.26	2.41	-0.35	2.19	-0.28
4.98	+1.88	3.25	-0.09	3.14	-0.25	4.01	-0.24	2.70	-0.90
4.23	+0.83	2.05	-1.24	3.81	+0.33	2.76	-0.35	2.21	-0.58
1.18	-2.47	1.97	-1.28	5.59	+1.81	5.11	+2.80	1.62	-0.69
1.54	-1.91	1.28	-1.99	5.59	+2.32	3.93	+1.17	1.95	-0.52
2.68	-0.42	0.39	-2.95	7.98	+4.59	6.38	+2.13	3.07	-0.53
1.83	-1.57	1.21	-1.98	6.38	+2.90	5.14	+2.03	2.21	-0.58
3.33	-0.32	4.59	+1.34	5.39	+1.61	2.11	-0.20	4.26	+1.95
2.27	-1.18	5.55	+2.28	2.75	-0.42	2.21	-0.55	3.99	+1.52
2.21	-0.89	4.36	+1.09	2.04	-1.35	2.08	-2.17	7.23	+3.63
2.61	-0.79	4.83	+1.54	3.39	-0.09	2.13	-0.98	5.16	+2.37
8.51	+4.86	4.35	+1.10	3.66	-0.12	1.62	-0.69	2.80	+0.49
4.90	+1.45	4.85	+1.58	4.68	+1.41	1.68	-1.08	2.43	+0.04
3.63	+0.53	6.24	+2.90	4.37	+0.98	2.79	-1.46	3.02	-0.58
5.68	+2.28	5.15	+1.86	4.24	+0.76	2.03	-1.08	2.75	+0.02
3.36	-0.29	4.03	+0.78	1.88	-1.90	1.28	-1.03	1.19	-1.12
3.91	+0.46	5.68	+2.31	0.98	-2.29	2.04	-0.52	1.44	-1.03
3.33	+0.23	4.30	+0.96	0.54	-2.75	5.45	+1.20	2.38	-1.22
3.53	+0.13	4.67	+1.36	1.13	-2.35	2.92	-0.19	1.67	-1.12
3.52	-0.13	3.36	+0.11	2.49	-1.29	1.70	-0.61	3.92	+1.61
2.56	-0.89	3.68	+0.41	1.01	-2.16	3.35	+0.59	4.05	+1.58
1.39	-1.71	2.66	-0.68	0.96	-2.43	5.31	+1.06	3.64	+0.04
2.49	-0.91	3.23	-0.06	1.49	-1.99	3.45	+0.34	3.87	+1.08
3.65	.....	3.25	.....	3.78	.....	2.31	.....	2.31	.....
3.45	.....	3.27	.....	3.27	.....	2.76	.....	2.47	.....
3.10	.....	3.34	.....	3.39	.....	4.25	.....	3.60	.....
3.40	.....	3.29	.....	3.49	.....	3.11	.....	2.79	.....



MONTHLY RAINFALL AND DEPARTURE FROM THE NORMAL FOR THE YEARS SPECIFIED.

YEARS.	TERRITORY.	JAN.		FEB.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.	
		Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.	Average rainfall.	Depart. from the Normal.
1878.....	Northern Division.....	0.40	-1.42	1.11	-1.51	2.66	+0.51	2.72	-0.16	4.33	+0.46	3.41	-1.01	3.12	-0.85	4.96	+1.31	1.44	-1.81	3.78	0.00	0.90	-1.41	1.72	-0.59
	Central Division.....	0.91	-0.63	2.78	-0.64	3.67	+1.06	3.63	-0.44	5.69	+1.24	3.69	-1.35	2.72	-0.03	6.03	+2.58	1.56	-1.71	3.21	-0.06	1.04	-1.72	1.74	-0.73
	Southern Division.....	3.08	+0.43	2.75	-1.44	2.00	-1.06	5.20	+1.35	6.01	+1.67	2.31	-2.41	2.93	-0.43	2.61	-0.49	3.05	-0.29	4.51	+1.12	2.74	-1.51	3.97	+0.37
	State.....	1.46	-0.54	2.21	-1.23	2.78	+0.17	3.85	+0.54	5.34	+1.12	3.14	-1.62	2.91	-0.45	4.53	+1.13	2.02	-1.27	3.83	+0.33	1.56	-1.55	2.48	-0.31
1879.....	Northern Division.....	0.71	-1.11	1.35	-0.27	1.10	-1.05	2.13	-0.65	4.16	+0.29	3.93	-0.49	6.46	+2.51	2.39	-1.26	1.18	-2.07	1.98	-1.80	4.26	+1.95	2.36	+0.05
	Central Division.....	0.79	-0.75	0.78	-2.64	1.70	-0.91	1.99	-1.20	0.98	-3.47	2.80	-2.24	3.13	-0.38	3.31	-0.14	2.13	-1.14	1.57	-1.70	4.51	+1.75	2.25	-0.22
	Southern Division.....	3.30	+0.75	2.66	-1.63	2.10	-0.96	2.41	-1.44	2.24	-2.10	4.59	-0.13	3.99	+0.63	6.75	+3.65	1.48	-1.86	2.84	-0.55	4.40	+0.15	4.62	+1.02
	State.....	1.60	-0.40	1.60	-1.84	1.67	-0.94	2.18	-1.13	2.13	-2.09	3.77	-0.99	4.53	+1.17	4.15	+0.75	1.60	-1.69	2.13	-1.34	4.39	+1.28	3.08	+0.29
1880.....	Northern Division.....	3.36	+1.54	2.05	-0.57	2.44	+0.29	4.29	+1.41	4.45	+0.58	5.32	+0.90	4.13	+0.16	5.02	+1.37	5.14	+1.89	1.82	-1.96	1.29	-1.02	0.82	-1.49
	Central Division.....	2.82	+1.28	2.82	-0.60	2.50	-0.09	4.29	+1.10	5.94	+1.49	2.64	-2.40	1.89	-0.86	3.92	-0.47	2.50	-0.77	1.62	-1.55	1.94	-0.82	0.82	-1.65
	Southern Division.....	3.80	+1.15	3.31	-0.98	3.88	-0.82	3.22	-0.53	5.21	-0.87	3.63	-1.09	4.55	+1.19	3.28	-0.82	3.56	+0.22	3.57	+0.18	3.55	-0.70	2.18	-1.42
	State.....	3.33	+1.33	2.73	-0.71	2.94	+0.33	3.93	+0.62	5.20	+0.98	3.90	-0.86	3.52	+0.12	3.74	+0.34	3.73	+0.44	2.34	-0.14	2.26	-0.85	1.27	-1.49
1881.....	Northern Division.....	1.49	-0.33	4.76	+2.14	3.96	+1.81	1.81	-1.07	2.56	-1.31	7.86	+3.44	4.36	+0.39	0.76	-2.89	4.99	+1.74	7.29	+3.51	2.92	+0.61	2.64	+0.33
	Central Division.....	0.90	-0.64	4.91	+1.49	4.72	+2.11	1.89	-1.30	2.07	-2.38	7.35	+2.31	2.80	+0.05	1.82	-1.63	4.05	+0.78	6.78	+3.51	4.44	+1.68	3.84	+1.37
	Southern Division.....	1.56	-1.09	4.33	+0.04	2.58	-0.48	4.11	+0.26	2.95	-1.39	4.58	-0.14	0.48	-2.88	0.19	-2.91	4.08	+0.74	5.00	+1.61	5.79	+1.54	3.20	-0.40
	State.....	1.32	-0.68	4.67	+1.23	3.75	+1.14	2.60	-0.71	2.53	-1.69	6.60	+1.84	2.55	-0.81	0.92	-2.48	4.37	+1.08	5.36	+2.88	4.38	+1.27	3.23	+0.44
1882.....	Northern Division.....	1.33	-0.49	1.83	-0.79	3.81	+1.63	4.55	+1.67	5.05	+1.18	7.55	+3.13	4.64	+0.67	3.43	-0.22	1.46	-1.79	3.76	-0.02	1.87	-0.44	1.74	-0.57
	Central Division.....	1.84	+0.32	5.49	+2.07	5.15	+2.54	4.14	+0.95	8.63	+4.18	10.08	+5.04	2.86	+0.11	4.28	+0.83	1.43	-1.74	4.53	+1.26	2.41	-0.35	2.19	-0.28
	Southern Division.....	4.55	+1.90	7.61	+3.32	4.66	+1.60	2.84	-1.01	6.09	+1.65	5.76	+1.04	4.17	+0.81	4.98	+1.88	3.25	-0.09	3.14	-0.25	4.01	-0.24	2.70	-0.90
	State.....	2.57	+0.57	4.98	+1.54	4.54	+1.83	3.84	+0.53	6.59	+2.37	7.80	+3.04	3.89	+0.53	4.23	+0.83	2.05	-1.24	3.81	+0.33	2.76	-0.35	2.21	-0.58
1883.....	Northern Division.....	1.92	+0.10	4.41	+1.79	0.69	-1.46	3.26	+0.38	6.34	+2.47	4.67	+0.25	4.55	+0.58	1.18	-2.47	1.97	-1.28	5.59	+1.81	5.11	+2.80	1.62	-0.69
	Central Division.....	1.02	-0.52	6.53	+3.11	1.25	-1.36	4.66	+1.47	5.45	+1.00	5.98	+0.94	4.23	+1.48	1.54	-1.91	1.28	-1.99	5.59	+2.32	3.93	+1.17	1.95	-0.52
	Southern Division.....	2.05	-0.60	8.23	+3.94	2.85	-0.21	4.59	+1.40	5.34	+1.00	6.91	+2.19	5.74	+2.38	2.68	-0.42	0.39	-2.95	7.98	+4.59	6.38	+2.13	3.07	-0.53
	State.....	1.66	-0.34	6.39	+2.95	1.60	-1.01	4.17	+0.86	5.71	+1.49	5.85	+1.09	4.83	+1.47	1.83	-1.57	1.21	-1.98	6.38	+2.90	5.14	+2.03	2.21	-0.58
1884.....	Northern Division.....	1.00	-0.82	2.36	-0.26	2.41	+0.26	2.64	-0.24	3.38	-0.49	3.83	-0.59	5.97	+2.00	3.33	-0.32	4.59	+1.34	5.39	+1.61	2.11	-0.20	4.26	+1.95
	Central Division.....	0.86	-0.68	3.95	+0.53	2.66	+0.06	2.23	-0.96	4.39	-0.06	5.60	+0.56	3.62	+0.87	2.27	-1.18	5.55	+2.28	2.75	-0.42	2.21	-0.55	3.99	+1.52
	Southern Division.....	1.76	-0.89	5.78	+1.49	3.37	+0.31	3.57	-0.28	5.05	+0.71	5.73	+1.01	3.90	+0.54	2.21	-0.89	4.36	+1.09	2.04	-1.35	2.08	-2.17	7.23	+3.63
	State.....	1.21	-0.79	4.03	+0.59	2.81	+0.20	2.81	-0.50	4.27	+0.05	5.05	+0.29	4.50	+1.14	2.61	-0.79	4.83	+1.54	3.39	-0.09	2.13	-0.98	5.16	+2.37
1885.....	Northern Division.....	2.37	+0.45	1.75	-0.87	0.38	-1.77	3.59	+0.71	2.20	-1.67	4.10	-0.32	3.27	-0.70	8.51	+4.86	4.35	+1.10	3.66	-0.12	1.62	-0.69	2.80	+0.49
	Central Division.....	2.71	+1.17	0.93	-2.49	0.28	-2.33	4.98	+1.79	3.55	-0.90	6.64	+1.60	3.20	+0.55	4.90	+1.45	4.85	+1.58	4.68	+1.41	1.68	-1.08	2.43	+0.04
	Southern Division.....	3.11	+0.46	1.16	-3.13	0.75	-2.31	4.87	+1.02	3.16	-1.18	6.27	+1.55	2.17	-1.19	3.63	+0.53	6.24	+2.90	4.37	+0.98	2.79	-1.46	3.02	-0.58
	State.....	2.73	+0.73	1.28	-2.16	0.47	-2.14	4.48	+1.16	2.97	-1.25	5.67	+0.91	2.88	-0.48	5.68	+2.28	5.15	+1.86	4.24	+0.76	2.03	-1.08	2.75	+0.02
1886.....	Northern Division.....	3.00	+1.18	1.55	-1.07	3.03	+0.88	2.71	-0.11	4.47	+0.60	1.94	-2.48	0.87	-3.10	3.36	-0.29	4.03	+0.78	1.88	-1.90	1.28	-1.03	1.19	-1.12
	Central Division.....	2.33	+0.79	1.65	-1.77	2.49	-0.12	2.42	-0.77	3.93	-0.52	3.97	-1.07	1.44	-1.31	3.91	+0.46	5.68	+2.31	0.98	-2.29	2.04	-0.52	1.44	-1.03
	Southern Division.....	3.50	+0.85	2.03	-2.26	4.27	+1.21	4.04	+0.19	3.94	-0.40	5.29	+0.57	1.47	-1.89	3.33	+0.23	4.30	+0.96	0.54	-2.75	5.45	+1.20	2.38	-1.22
	State.....	2.94	+0.94	1.74	-1.70	2.26	+0.35	3.06	-0.25	4.11	-0.11	3.73	-1.03	1.26	-2.10	3.53	+0.13	4.67	+1.36	1.13	-2.35	2.92	-0.19	1.67	-1.12
1887.....	Northern Division.....	2.64	+0.82	4.99	+2.37	1.02	-1.13	1.13	-1.65	1.77	-2.10	1.61	-2.81	2.33	-1.64	3.52	-0.13	3.36	+0.11	2.49	-1.29	1.70	-0.61	3.92	+1.61
	Central Division.....	1.27	-0.27	4.40	+0.98	1.70	-0.91	2.69	-0.50	3.84	-0.61	1.62	-3.42	1.65	-1.10	2.56	-0.89	3.68	+0.41	1.01	-2.16	3.35	+0.59	4.05	+1.58
	Southern Division.....	1.39	-1.26	5.00	+0.71	4.19	+1.13	3.97	+0.12	3.44	-0.90	2.12	-2.50	2.19	-1.17	1.39	-1.71	2.66	-0.68	0.96	-2.43	5.31	+1.06	3.64	+0.04
	State.....	1.77	-0.23	4.80	+1.36	2.30	-0.31	2.60	-0.71	3.02	-1.20	1.78	-2.98	2.06	-1.30	2.49	-0.91	3.23	-0.06	1.49	-1.99	3.45	+0.34	3.87	+1.08
Averages.....	Northern Division.....	1.82	.....	2.62	.....	2.15	.....	2.88	.....	3.87	.....	4.42	.....	3.97	.....	3.65	.....	3.25	.....	3.78	.....	2.31	.....	2.31	.....
	Central Division.....	1.54	.....	3.42	.....	2.61	.....	3.19	.....	4.45	.....	5.04	.....	2.75	.....	3.45	.....	3.27	.....	3.27	.....	2.76	.....	2.47	.....
	Southern Division.....	2.65	.....	4.29	.....	3.06	.....	3.85	.....	4.34	.....	4.72	.....	3.36	.....	3.10	.....	3.34	.....	3.39	.....	4.25	.....	3.60	.....
	State.....	2.00	.....	3.44	.....	2.61	.....	3.31	.....	4.22	.....	4.76	.....	3.36	.....	3.40	.....	3.29	.....	3.49	.....	3.11	.....	2.79	.....



# Meteorology in the Schools.

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Names of Principals of schools who have consented to co-operate with the Illinois Weather Service in the formation of classes for the study of Meteorology in their schools, and reporting the observations to this office monthly.

ADAMS—Lima, J. A. Califf.....	Camp Point, J. W. Creekmur.....
LaPrairie, J. K. Smith.....	
ALEXANDER—.....	
BOND—Sorento, Robert Thacker .....	Dudleyville, J. C. Blizzard.....
BOONE—Belvidere, J. G. Lucas.....	Belvidere, J. C. Zinser.....
BROWN—.....	
BUREAU—.....	
CALHOUN—.....	
CARROLL—Savanna, Aaron Palmer.....	
CASS—Arenzville, John D. Pace.....	
CHAMPAIGN—Gifford, Theo. E. Walker.....	Thomasboro, J. M. Oakwood. ....
Philo, J. G. Lawrence.....	
CHRISTIAN—Taylorville, I. C. Baker.....	Edinburg, J. W. Carle.....
Taylorville, D. O. Witmer.....	
CLARK—.....	
CLAY—Ingraham, A. M. Rose.....	
CLINTON—Trenton, Arthur Oehler.....	
COLES—Ashmore, O. F. McKim.....	Humbolt, J. W. Jones.....
Oakland, John Snyder.....	
COOK—Irving Park, Chas. A. Cook .....	1734 Diversey St., A. F. Nightingale...
Chicago (Lake High), Jas. Hannan .....	Bloom, W. E. Vanderwater.....
Lyons, F. J. Mooney.....	Palatine, H. L. Merrill .....
280 Rumsey St., H. B. Allen.....	South Chicago, (89th St.) E. L. Morse..
Evanston, Henry L. Boltund.....	Fernwood, J. M. Hupp .....
Hyde Park, J. W. May.....	Kensington, T. C. Hill.....
Lake View, Lina E. Troendle.....	Roseland, G. A. Brennan .....
Normal Park, Francis W. Parker.....	Hyde Park, W. H. Ray.....
South Evanston, F. W. Nichols.....	Havelock, Kate McCartney.....
South Chicago, Chas. D. Huxley.....	
CRAWFORD—Oblong, W. A. Swaren.....	Palestine, L. E. Murray.....
CUMBERLAND—.....	
DEKALB—DeKalb, J. L. Curtis.....	Hinckley, H. S. Earley.....
Shabbona, A. J. Ladd.....	

DEWITT—Wapella, S. Stackhouse.....	Weldon, W. W. Hardin.....
DOUGLAS—Arcola, E. H. Owen.....	Newman, Geo. O. Moore .....
DUPAGE—Bensenville, C. C. VanLien.....	Naperville, Chas. H. Ostrander.....
Wheaton, J. K. Rassiveiler.....	
EDGAR—Paris, A. Harvey.....	
EDWARDS—.....	
EFFINGHAM—Shumway, Chas. Combs.....	
FAYETTE—St. Elmo, H. Henderson Stine.....	
FORD—Gibson City, A. C. Rishel.....	Sibley, Koscie Clinebell.....
FRANKLIN—.....	
FULTON—Fairview, Milton M. Cook.....	Ipava, E. E. Douglas .....
Astoria, J. N. Shippey.....	
GALLATIN—Ridgway, M. E. Fulk .....	New Haven, H. C. Smith .....
GREENE—White Hall, G. W. Smith.....	Carrollton, David Felmley.....
Roodhouse, J. S. Deck.....	
GRUNDY—Mazon, R. D. Fuller.....	Morris, L. T. Regan. . . . .
HAMILTON—Belle Prairie, A. E. Todd. ...	McLeansboro, J. M. Biggerstaff.....
HANCOCK—Dallas City, Lionel Fairfax.....	Hamilton, J. A. Souders.....
Augusta, S. Ensminger.....	Carthage, J. R. Allan.....
HARDIN—Biggsville, Jas. N. Derr .....	Carman, W. V. English.....
Oquawka, Mrs. F. E. Boden .....	
HENRY—Kewanee, E. C. Rosseter.....	Galva, John McClenahan.....
IROQUOIS—Loda, Lyon Karr.....	Cissna Park, C. C. Wilson.....
Onarga, Theo. H. Haney.....	Sheldon, P. J. Kuntz.....
JACKSON—.....	
JASPER—Vale, Zillman Jones... ..	Newton, N. S. Scovell .....
West Liberty, May Taylor .....	
JEFFERSON—.....	
JERSEY—Jerseyville, J. Pike.....	
JODAVIESS—Elizabeth, A. E. Knuckey.....	Warren, E. A. Fritter.....
Scales Mound, John W. Wilcox.....	
JOHNSON—Vienna, D. J. Cowan.....	New Burnside, C. C. Cross.....
KANE—Batavia, O. T. Snow .....	Elgin, R. McCay.....
Elburn, F. L. Morris.....	St. Charles, Jno. M. Raymond.....
KANKAKEE—Kankakee, F. N. Tracy.....	Manteno, J. N. Mercer.....
KENDALL—Yorkville, J. N. Wayman.....	Bristol, A. D. Curran.....
KNOX—Wataga, W. H. Givler.....	
LAKE—.....	
LASALLE—Mendota, William Jenkins.....	Earlville, L. J. Quantrell... ..
Marseilles, J. P. Yoder.....	Streator, R. Williams.....
LAWRENCE—Sumner, Effie Heath.....	
LEE—Dixon, E. C. Webster.....	
LIVINGSTON—Fairbury, Edward Bangs.....	Dwight, H. D. Fisk.....
Chatsworth, C. E. Schlabach.....	
LOGAN—Lincoln, W. T. Bromfield.....	
MACON—.....	



MACOUPIN—Staunton, J. O. Kennedy.....	
MADISON—Venice, Rudolph von Pflieger.....	Wanda, J. G. Reynolds.....
Alton, R. A. Haight .....	St. Jacob, Theo. Adelman .....
Alhambra, J. Y. Pearce.....	New Douglas, L. T. Kennedy.....
Alton, Wm. L. Tarbet.....	
MARION—Patoka, M. M. Merriman.....	Salem, J. H. Brinkerhoff.....
Centralia, R. J. Moore.....	
MARSHALL—Wenona, J. E. W. Morgan.....	
MASON—Manito, J. A. McComas .....	Mason City, W. H. Smith.....
MASSAC—Samoth, J. M. Helm.....	Samoth, J. F. Hight.....
Metropolis City, J. F. Nicholson .....	Metropolis City, D. B. Kerr.....
MCDONOUGH—Bardolph, C. A. Head.....	
McHENRY—Huntley, J. A. Sheldon.....	Nunda, S. M. Grimes.....
McLEAN—Belle Flower, M. V. Zimmerman.....	Saybrook, C. L. Howard.....
MENARD—Greenvew, H. M. Steidly.....	Petersburg, S. McBride. ....
MERCER—Keithsburg, A. L. Atwood.....	Aledo, G. N. Kneeland.....
Millersburg, E. E. Law.....	
MONROE—Columbia, J. R. Walker.....	
MONTGOMERY—.....	
MORGAN—Meredosia, Geo. M. Oakman.....	Jacksonville, J. G. Patterson.....
MOULTRIE—Lovington, J. J. Wilkinson.....	
OGLE—Polo, R. W. Burton .....	Byron, G. N. Maxwell.....
Mt. Morris, Horace G. Kauffman.....	
PEORIA—.....	
PERRY—Old DuQuoin, A. T. Stone.....	
PIATT—Cisco, J. T. Reeves.....	Mansfield, Frank Colegrove.....
PIKE—Perry, Robt. L. Underwood.....	Time, J. B. Gragg.....
New Salem, W. O. Binns.....	
POPE—Eddyville, J. W. Hodge.....	Golconda, C. F. Philbrook.....
PULASKI—Mound City, C. W. Wynant.....	Pulaski, B. F. Sewell.....
Olmsted, P. P. Bennett.....	Villa Ridge, I. M. Taylor.....
PUTNAM—.....	
RANDOLPH—.....	
RICHLAND—.....	
ROCK ISLAND—Moline, Jerome McNeill.....	
SALINE—Harrisburg, N. B. Hodsdon.....	Stone Fort, J. R. Youngblood.....
SANGAMON—Chatham, E. W. McDaniel.....	Springfield, J. H. Collins.....
SCHUYLER—.....	
SCOTT—Naples, Henry Higgins ... ..	Winchester, Wm. Gay .....
SHELBY—Oconee, Mrs. J. W. Fuller....	Cowden, C. H. Thrailkill.....
STARK—Castleton, P. J. Rennick.....	Toulon, J. H. Broomall.....
Bradford, G. W. Henry .. ..	LaFayette, J. F. Reed .....
ST. CLAIR—East St. Louis, Arthur O'Leary.....	East St. Louis, C. B. Carroll... ..
New Athens, Aug. Gierschner.....	Smithton, H. B. Frein.....
Mascoutah, Chas. H. Kammann.....	West Belville, J. W. Farmer.....
SETPHENSON—.....	

TAZEWELL—Hopedale, F. H. Lormer.....		Bradley, W. I. Dickson.....
Pekin, C. L. Farrington.....		Minier, J. S. Cole.....
Mackinaw, G. W. Warner.....		Washington, J. L. Hartwell.....
UNION—Cobden, John J. Ferrill .....		Cobden, John W. Wood.....
Jonesboro, M. V. Baggott .....		
VERMILION—Danville, David Meade.....		
WABASH—Mt. Carmel, G. L. Guy.....		Mt. Carmel, C. C. Harper... ..
WARREN--Kirkwood, I. C. Stockton.....		Alexis, J. N. Cox.....
WASHINGTON—Elkhorn, C. B. Gudgeon.....		Ashley, J. L. Frohock .....
WAYNE--Mt. Erie, B. Loor Seneff .....		Fairfield, W. B. Davis.....
WHITE--.....		
WHITESIDE--Sterling, A Bayliss.....		Sterling, F. F. Harding.....
Tampico, F. S. Johnson.....		Prophetstown, Will J. Johnson.....
Fulton, R. V. DeGross.....		
WILL—Mokena, Aug. Maue.....		Frankfort Station, D. Muir.....
Channahon, Geo. B. McClelland.....		Lockport, Chas. Curtis.....
Wilmington, C. W. Minard.....		
WILLIAMSON—Crab Orchard, James W. Turner.....		
WINNEBAGO—Rockton, W. W. Austin.....		
WOODFORD—Secor, T. J. Robson... ..		Washburn, Thos. E. Cleland.....
Roanoke, M. P. Lackland .....		



**List of Signal Service Display Stations established by the Illinois State Weather Service since July 1, 1887.**

(These places receive the weather indications daily, except Sunday, at Government expense. Any prominent point in the State can secure this information free by securing a flag staff and a set of the Weather and Temperature flags advertised on preceding pages. Many of the smaller towns can secure the information by telephone, or by an early mail from the nearest display station, for which purpose official postal cards will be furnished free upon application to this Office.)

COUNTY.	PLACE.	NAME OF DISPLAYMAN.
Adams .....	Camp Point.....	Geo. W. Cyrus.....
	Quincy.....	J. Stern & Sons.....
Bond.....	Greenville.....	M. S. Oudyn.....
Bureau.....	Buda.....	C. P. Mason.....
Carroll.....	Lanark.....	L. G. Burrows.....
Clark.....	Martinsville.....	S. A. Fasig.....
Coles.....	Mattoon.....	M. Kahn & Co.....
Crawford.....	Robinson.....	P. Walker.....
DeKalb.....	Sycamore.....	The True Republican.....
DeWitt.....	Clinton.....	McIntosh & Son.....
Douglas.....	Tuscola.....	J. C. Jewell.....
Edgar.....	Paris.....	Paris Republican.....
Effingham.....	Effingham.....	H. Weichelman.....
Fayette.....	Vandalia.....	Jos. Urbani.....
Ford.....	Gibson City.....	P. A. Coal.....
	Paxton.....	J. W. Lambert.....
Franklin.....	Benton.....	John McPherson.....
Fulton.....	Lewistown.....	A. C. Atherton.....
Greene.....	Carrollton.....	Jas. P. Morrow.....
Grundy.....	Morris.....	Geo. W. Bartlett.....
Hamilton.....	McLeansboro.....	J. R. Campbell.....
Hancock.....	Carthage.....	Jos. A. Spangler.....
Henry.....	Galva.....	E. E. Fitch.....
Iroquois.....	Watseka.....	Henry Upsall.....
JoDaviess.....	Galena.....	Fr. Schaub.....
Kane.....	Elgin.....	W. A. Mansfield.....
	Aurora.....	Holmes Miller & Sons.....
Knox.....	Galesburg.....	A. G. Anderson.....
LaSalle.....	Ottawa.....	M. Steifel.....
	Mendota.....	R. H. Ruggles.....
Lawrence.....	Bridgeport.....	G. W. Barr.....
Lee.....	Dixon.....	W. L. Foote.....
Livingston.....	Fairbury.....	Wade Brothers.....
Macon.....	Decatur.....	John Irwin.....
Macoupin.....	Carlinville.....	J. W. Lumpkin.....
Madison.....	Alton.....	Saml. Hays.....

## METEOROLOGICAL REPORT.

COUNTY.	PLACE.	NAME OF DISPLAYMAN.
Marion.....	Centralia.....	London Clothing Co.....
Marshall.....	Lacon.....	E. L. Buchanan.....
McDonough.....	Macomb.....	Journal Printing Co.....
McDonough.....	Colchester.....	'News'.....
McHenry.....	Woodstock.....	A. S. Wright.....
McLean.....	Bloomington.....	W. O. Davis.....
Mercer.....	Aledo.....	John W. Edwards.....
Montgomery.....	Litchfield.....	N. S. Cowen.....
Ogle.....	Byron.....	Geo. H. Ades.....
Pike.....	Griggsville.....	L. W. McMahon.....
Peoria.....	Peoria.....	Comstock, Avery & Co.....
Pulaski.....	Mound City.....	Romeo Friganza.....
Putnam.....	Hennepin.....	C. & W. Eddy.....
Randolph.....	Chester.....	C. S. St. Vrain.....
Richland.....	Olney.....	F. M. Bourell.....
Saline.....	Harrisburg.....	Gregg & Grace.....
Shelby.....	Windsor.....	A. H. Hatch.....
St. Clair.....	Belleville.....	Curt Heinfeldt.....
Stephenson.....	Freeport.....	Jos. Emmert.....
Tazewell.....	Pekin.....	B. C. Alienworth.....
Union.....	Cobden.....	John Buck.....
Warren.....	Monmouth.....	Smith & Dunbar.....
Will.....	Joliet.....	F. B. Loenard.....



Number 1, white flag, six feet square, always indicates clear or fair weather, no rain. Number 2, blue flag, six feet square, indicates rain or snow. Number 3, black, triangular flag, six feet at the base and six feet in length, always refers to temperature. When placed above number 1 or 2 it indicates warmer weather; when placed below number 1 or 2 it indicates colder weather; when not displayed, the indications are that the temperature will remain stationary or that the change in temperature will not vary five degrees from the temperature of the same hour of the preceding day. Number 4, cold-wave flag, six feet square, indicates the approach of a sudden and decided fall in temperature. This signal is usually ordered at least twenty-four hours in advance of the cold wave. It is not displayed unless a temperature of forty-five degrees, or less, is expected, nor is flag number 3 displayed with it.

When displayed on flag-poles the signals should be arranged to read downward; when displayed from horizontal supports a small streamer should be attached to indicate the point from which the signal is to be read; when in the form of symbols, to be displayed on cars, the symbols should be placed one above the other and read downward.

The signals may be withdrawn at 3 p. m.

As the weather indications are telegraphed daily to a large number of stations of the Signal Service, to railroads, etc., in various sections of the country, there are many small towns where they may be obtained by telephone, free of expense. Those desiring to display weather signals and not able to obtain the indications as above, should communicate direct with the Chief Signal Officer, and if it is not practicable to telegraph the indications at the expense of the United States to such places, they will always be furnished at Government rates, at twenty cents per message, sent collect.

Weather signals are now displayed at many stations throughout the United States, and his improved system which is based on that devised by Prof. P. H. Mell, Jr., of Alabama, has been adopted with a view of securing uniformity, and is recommended, after a careful test of the several systems now in use. The system is not complicated, the solid colors will secure legibility, and the flags may be supplied at small expense.

There being no funds at the disposition of the Chief Signal Officer for the purchase of flags, if they are desired and cannot be procured in the vicinity, they may be purchased from any of the following firms, at prices ranging from \$6 to \$12 per set:

M. G. Copeland & Co., No. 634 Louisiana Avenue, Washington, D. C. (standard bunting).

Crane & Co., McWhorter and Olive Streets, Newark, N. J.

C. S. Decker & Co., No. 168 State Street, Boston, Mass.

Horstman Bros. & Co., Fifth and Cherry Streets, Philadelphia, Pa. ("Eagle" bunting).

John F. McHugh, No. 1236 Broadway, New York City.

S. Hemmingway, No. 66 South Street, New York City.

P. H. Mell, Jr., Auburn, Alabama.

Pantagraph Co., Bloomington, Ill., muslin, at \$5.00 per set.

Correspondence in relation to these flags should be had direct with the above firms and not through this office. The flags may be made of cotton cloth at an expense not to exceed \$2 per set. The displays here outlined may be greatly extended and become one of the most valuable aids to farmers, shippers, and the public generally, by a little exertion and a small expense for flags on the part of those who would be benefited by the signals. Weather signals have been adopted and are in use by some of the principal railroads throughout the country, the symbols, made of tin or sheet iron, being displayed from the baggage cars. These roads transmit over their wires each morning to points from which trains start the names of the symbols to be displayed, the baggage master at those points attending to the signals. Many large firms and corporations are displaying these signals and at the same time advertising their business by printing the signals and their meanings on the back of their business cards.

Communications in reference to the display of signals and symbols in this State should be addressed to

CHARLES F. MILLS, *Director*,

SPRINGFIELD, ILLINOIS.

# WEATHER AND TEMPERATURE SIGNALS.


THE FOLLOWING CIRCULAR HAS BEEN ISSUED BY THE CHIEF SIGNAL OFFICER OF THE ARMY  
AT WASHINGTON CITY.

*With a view of securing a uniform system of signals it is recommended that flags now in use be replaced by those herein described as the former become worn out or unserviceable.*

The Chief Signal Officer furnishes, when practicable, for the benefit of the general public and those industries dependent to a great extent upon weather conditions, the "Indications," which are prepared at this office daily, at 1 a. m., for the twenty-four hours commencing at 7 a. m. These weather forecasts are telegraphed to many Signal Service stations, railway officials, and others, and are so worded as to be readily communicated to the public by means of flags or symbols. The flags adopted for this purpose are four in number and of the form and dimensions indicated below:


### INTERPRETATION OF SIGNALS.

No. 1.  
White Flag.



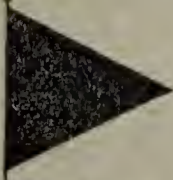
Clear or fair weather.

No. 2.  
Blue Flag.




Rain or snow.

No. 3.  
Black Triangular Flag.




Temperature signal.

No. 4.  
White Flag with black square in centre.




Cold wave.


### DISPLAYED FROM POLES.




Fair weather.  
Colder.



Warmer.  
Rain or snow.

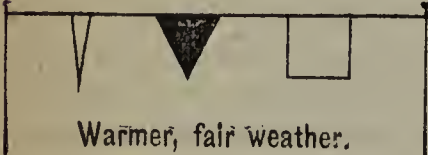


Warmer, fair weather,  
followed by rain or snow.

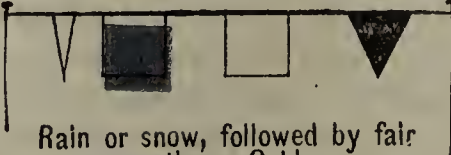


Fair weather.  
Cold wave.

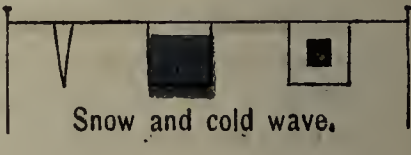
### DISPLAYED FROM HORIZONTAL SUPPORTS.



Warmer, fair weather.



Rain or snow, followed by fair weather. Colder.



Snow and cold wave.

### DISPLAYED ON CARS.

When the two weather symbols cannot be displayed, show the one indicating the weather last named in "Indications".



Warmer, fair weather.



Fair weather, followed by rain.  
Colder.



Fair weather. Cold wave.



# State Fairs, 1887.

*American Fat Stock Show, Chicago, November 8-18.*

*American Horse Show, Chicago, November 8-18.*

*American Dairy Show, Chicago, November 8-18.*

*American Poultry Show, Chicago, November 8-18.*

CHARLES F. MILLS, Secretary, Springfield, Ills.

## CANADA,

Grand Dominion and Industrial Exhibition, Toronto, September 5-17. H. J. HILL, Secretary, Toronto.

## CANADA,

Provincial Exhibition, Ottawa, September 19-24. HENRY WADE, Sec'y, Toronto, Ont.

## COLORADO,

Pueblo, October 4-8. J. K. SHIREMAN, Secretary, Pueblo, Col.

## ILLINOIS,

State Fair, Olney, September 24-30. CHARLES F. MILLS, Secretary, Springfield, Ill.

## ILLINOIS,

Inter-State Industrial Exposition, Chicago, September 1 to Oct. 16. JOHN P. REYNOLDS, Secretary, Chicago, Ill.

## INDIANA,

Indianapolis, Sept. 19-24. ALEX. HERON, Secretary, Indianapolis, Ind.

## IOWA,

Des Moines, September 2-9. JOHN R. SHAFFER, Secretary, Des Moines, Ia.

## KANSAS,

Topeka, September 19-24. CHET THOMAS, Secretary, Topeka, Kansas.

## KENTUCKY,

Lexington, August 30 to September 3. THOS. L. MARTIN, Secretary, Lexington, Ky.

## MICHIGAN,

Jackson, September 19-23. J. C. STERLING, Secretary, Monroe, Mich.

## MINNESOTA,

St. Paul, September 9-17. H. E. HOARD, Secretary, Hamline, Minn.

## MISSOURI,

St. Louis, October 3-8. ARTHUR UHL, Secretary, St. Louis, Mo.

## MONTANA,

Agricultural, Mineral and Mechanical Association, August 22-27. FRANCIS POPE, Secretary, Helena, Montana.

## NEBRASKA,

Lincoln, September 9-16. R. W. FURNAS, Secretary, Brownville, Neb.

## OHIO,

Columbus, August 29 to September 2. L. N. BONHAM, Secretary, Columbus, O.

## TEXAS,

Dallas, October 20 to November 5. SIDNEY SMITH, Secretary, Dallas, Texas.

## WISCONSIN,

Milwaukee, September 12-17. T. L. NEWTON, Secretary, Madison, Wis.

## WYOMING,

Cheyenne, September 6-9. A. H. HORD, Secretary, Cheyenne, Wyo.

# LIVE STOCK AND DAIRY MEETINGS

TO BE HELD DURING THE AMERICAN FAT STOCK SHOW, CHICAGO, 1887.

## November 8, Tuesday.

The American Cleveland Bay Society, at the Grand Pacific Hotel, at 7.30 o'clock p. m.  
R. P. Stericker, Sec'y, Springfield, Ill.

## November 9, Wednesday.

The American Clydesdale Association, at the Grand Pacific Hotel, at 7.30 o'clock p. m.  
Charles F. Mills, Sec'y, Springfield, Ill.

## November 10, Thursday.

The American Shire Horse Association, at the Sherman House, at 7.00 o'clock p. m.  
Charles Burgess, Sec'y, Wenona, Ill.

## November 10, Thursday.

The Victoria Swine Breeders' Association, at the Sherman House, at 7.30 o'clock p. m.  
Henry Davis, Sec'y, Dyer, Ind.

## November 11, Friday.

The American Hereford Cattle Breeders' Association, at the Leland Hotel, at 7 o'clock  
p. m. Charles Gudgell, Sec'y, Independence, Mo.

## November 14, Monday.

The United States Veterinary Sanitary Association, at the Grand Pacific Hotel, at 2  
o'clock p. m. Paul Paquin, Sec'y, Columbus, Mo.

## November 15, Tuesday.

The American Aberdeen-Angus Breeders' Association, at the Leland Hotel, at 7 o'clock  
p. m. Charles Gudgell, Sec'y, Independence, Mo.

## November 15, Tuesday.

The American Oxford-Down Breeders' Association, at the Sherman House, at 7 o'clock  
p. m. T. W. W. Sunman, Sec'y, Spades, Ind.

## November 16, Wednesday.

The Red Polled Cattle Club of America, at the Grand Pacific Hotel, at 7 o'clock p. m.  
L. F. Ross, Pres't, Iowa City, Iowa.

## November 16, Wednesday.

The American Shropshire Registry Association, .....  
at 10 o'clock a. m. and 6 o'clock p. m. M. Levering, Sec'y, LaFayette, Ind.

## November 16, Wednesday.

The American Short-Horn Breeders' Association, at the Grand Pacific Hotel, at 8 o'clock  
p. m. J. H. Pickrell, Sec'y, Chicago.

## November 16, Wednesday.

National Swine Growers' Association, at the Sherman House, at 10 o'clock a. m.  
P. M. Springer, Sec'y, Springfield, Ill.

## November 16, Wednesday.

The Western Circuit State Fairs, at the Sherman House, at 8 o'clock p. m. R. W. Furnas,  
Pres't, Brownville, Neb.

## November 17, Thursday.

The Illinois Short-Horn Breeders' Association, at the Grand Pacific Hotel, at 8 o'clock  
p. m. A. B. Hostetter, Sec'y, Mt. Carroll, Ill.

## November 17, Thursday.

The American Duroc Jersey Swine Breeders' Association, at the Grand Pacific Hotel,  
at 7 o'clock p. m. Charles H. Holmes, Sec'y, Grinnell, Iowa.

## November 17, Thursday.

The French Draft Horse Association, at the Sherman House, at 2 o'clock, p. m. James  
T. Roney, Sec'y, Bloomington, Ill.

-----  
The Convention of Holstein-Friesian Breeders' at Grand Pacific Hotel, at....o'clock.....  
T. B. Wales, Sec'y, Iowa City, Iowa.

-----  
The American Percheron Horse Breeders' Association, at.....  
at.....o'clock..... S. D. Thompson, Sec'y, Wayne, Ill.

-----  
The American Devon Cattle Club, at.....at.....o'clock.....  
F. W. Reed, Sec'y, Zanesville, Ohio.

-----  
The American Essex Swine Breeders' Association, at the Sherman House, at 7.30 o'clock  
p. m. Frank Willson, Pres't, Jackson, Mich.



# PREMIUM LIST

FOR THE

THIRTY-FIFTH ANNUAL

# ILLINOIS STATE FAIR

TO BE HELD AT

OLNEY, SEPTEMBER 24-30, 1887.

• ——— THE ——— •

Tenth Annual American Fat Stock Show,  
Third Annual American Dairy Show,  
Second Annual American Horse Show,  
AND THE American Poultry Show,

WILL BE HELD IN THE

EXPOSITION BUILDING, CHICAGO, NOV. 8-18, 1887,

BY THE

Illinois State Board of Agriculture.

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COMPETITION OPEN TO THE WORLD, EXCEPT AS NOTED.  
READ THE RULES AND REGULATIONS. BRING THIS LIST WITH YOU TO THE FAIR.  
ENTRIES MAY BE MADE BY LETTER AFTER AUGUST 1, AT SPRINGFIELD.

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CHICAGO:  
THE J. M. W. JONES STATIONERY AND PRINTING COMPANY.  
1887.

THE

# Thirty-Fifth Annual Illinois State Fair,

1887.

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The THIRTY-FIFTH ANNUAL ILLINOIS STATE FAIR will be held in the beautiful park of the city of Olney, commencing Saturday, September 24th, and ending Friday, September 30th, 1887.

The park in which the State Fair will be held is admirably adapted for the purpose of holding an exhibition of this character, and for natural attractions and conveniences for visitors and exhibitors, the location is not surpassed by any Fair Ground in the State.

The large and ornamental exhibition buildings, comfortable stalls, pens, etc., are new, and constructed upon the most approved plans. The provisions made for stock and other exhibits are very complete, and reflect no little credit upon the enterprise and liberality of the citizens of Olney, who have and will continue to spare no pains or expense to meet all the reasonable demands of the public, for ample accommodations and hospitable entertainment.

The railroad companies have constructed a track to the entrance of the City Park, and exhibitors can load and unload stock and articles, without inconvenience or delay, at the entrance of the Fair Ground.

Ample transportation facilities have been provided for the coming Fair, and the rates agreed upon are much lower than heretofore granted by railroad officials, who are cordially and heartily co-operating in the work of making the exhibition of the greatest possible benefit to all who may attend. The superior arrangements for reaching the State Fair, from all directions, will enable persons desiring to attend, to make the journey to Olney with speed and comfort, over well equipped lines of railroad. The accommodations provided at the hotels and residences, by the citizens of Olney, we are assured will be ample and satisfactory to all. Parties residing at a distance from Olney and desiring lodging for one or more nights during the week of the State Fair, are requested to write the Chairman of the Local Committee on Entertainment, at Olney, a sufficient time prior to the opening of the Fair, and give information as to the extent of the accommodations desired.

The Premium List has been carefully revised and the liberal amounts heretofore offered largely increased. The entries made for the stake races and announced elsewhere in this list, insure the presence at the coming Fair of a large number of the most noted trotting and running horses.

The early indications concerning the extent and quality of the exhibition at the Illinois State Fair for 1887, promise an unusually large and fine display of live stock, farm products, implements, and other articles usually displayed at Agricultural and Industrial Expositions.

An abundant supply of water will be furnished at convenient points on the grounds.

Editors and reporters will report to the Superintendent of the Bureau of Information, who will extend the usual courtesies and assist them in gaining such information as will be of interest to the public.

A cordial invitation to attend the Fair is extended to representatives of kindred State organizations, who are requested to report to the President, that they may receive suitable attention.

A package of this Premium List will be sent for distribution to each Agricultural Society in the State. In counties having no Agricultural Organization, the lists will be sent to the County Clerks for distribution.

Attention is invited to the announcement, published elsewhere in this list, of the following shows to be held by this Board in the Exposition Building, Chicago, November 8-18, 1887, viz: Tenth Annual American Fat Stock Show, Third Annual American Dairy Show, Second Annual American Horse Show, and the American Poultry Show.

Copies of this list may be had upon personal application to any member of the Board, or by addressing the undersigned at Springfield.

**PLEASE KEEP YOUR PREMIUM LIST AND BRING IT WITH YOU TO THE FAIR.**

CHARLES F. MILLS,

*Secretary of State Board of Agriculture.*



# Illinois State Board of Agriculture.

## OFFICERS.

President, SAMUEL DYSART, Franklin Grove.      Secretary, CHAS. F. MILLS, Springfield.  
Ex-President, JOHN LANDRIGAN, Albion.      Treasurer, JOHN W. BUNN, Springfield.  
Chief Clerk, W. C. GARRARD, Springfield.

## VICE-PRESIDENTS.

1st Dist.—J. IRVING PEARCE, Chicago.	11th Dist.—E. B. DAVID, Aledo.
2d Dist.—J. HARLEY BRADLEY, Chicago.	12th Dist.—ALLAN C. RUSH, Perry.
3d Dist.—M. A. MORSE, Chicago.	13th Dist.—J. W. JUDY, Tallula.
4th Dist.—JOHN P. REYNOLDS, Chicago.	14th Dist.—LAFAYETTE FUNK, Shirley.
5th Dist.—GEORGE REED, Belvidere.	15th Dist.—E. E. CHESTER, Champaign.
6th Dist.—GEORGE S. HASKELL, Rockford.	16th Dist.—JOSEPH SKEAVINGTON, Albion.
7th Dist.—SIMON ELLIOTT, Princeton.	17th Dist.—DAVID GORE, Carlinville.
8th Dist.—E. C. LEWIS, Ottawa.	18th Dist.—D. B. GILLHAM, Upper Alton.
9th Dist.—JOHN VIRGIN, Fairbury.	19th Dist.—B. PULLEN, Centralia.
10th Dist.—D. W. VITNUM, Jr., Canton.	20th Dist.—J. M. WASHBURN, Carterville.

## EXHIBITIONS • 1887.

ILLINOIS STATE FAIR—Olney, September 24-30.

AMERICAN FAT STOCK SHOW—Chicago, November 8-18.

AMERICAN DAIRY SHOW—Chicago, November 8-18.

AMERICAN HORSE SHOW—Chicago, November 8-18.

AMERICAN POULTRY SHOW—Chicago, November 8-18.

## SUPERINTENDENTS OF DEPARTMENTS AND COMMITTEES.

Class A—Cattle—Mr. Funk.  
Class B—Horses, other than draft, including speed—Mr. Lewis.  
Class B—Horses, draft—Mr. Gore.  
Class C—Sheep—Mr. Rush.  
Class D—Hogs—Mr. Elliott.  
Class E—Poultry—Mr. Reed.  
Class F—Mechanics—Mr. David.  
Class G—Farm Products—Mr. Skeavington.  
Class H—Horticulture—Mr. Haskell.  
Class I—Fine Arts—Mr. Reynolds.  
Class K—Textile Fabrics—Mr. Morse.  
Class L—Science and Education—Mr. Bradley.  
Class M—Farm Machinery—Mr. Pullen.  
Class N—Dairy—Mr. Chester.  
Marshal of Ring—Mr. Judy.  
Superintendent of Grounds—Mr. Virgin.  
Superintendent of Forage and Stalls—Mr. Vitnum.  
Superintendent of Permits and Privileges—Mr. Gillham.  
Superintendent of Purchasing Department—Mr. Landrigan.  
Superintendent of Gates and Tickets—Mr. Pearce.  
Superintendent of Bureau of Information—Mr. David.  
Auditor—Mr. Washburn.  
Committee on Reception, Fair—Messrs. Dysart, Landrigan, Gillham, Reynolds, Lewis, Pearce, Haskell and Bradley.  
Committee on Arrangement, Fair—Messrs. Dysart, Landrigan, Gillham, Virgin, Reynolds, Vitnum, Chester, Pullen, Haskell, Skeavington, Funk, Pearce, Elliott, Lewis, Gore and Mills.  
Committee on Printing—Messrs. Haskell, Dysart, Morse, David and Mills.  
Committee on Arrangement, Fat Stock Show—Messrs. Dysart, Landrigan, Virgin, Gillham, Funk, Washburn, Gore, Vitnum, Lewis, Reynolds, Chester, Elliott, Morse, Pearce and Mills.  
Committee on Crop Reports—Messrs. Gore, Gillham, David and Mills.  
Committee on Finance—Messrs. Pearce, Gore, Lewis, Chester and Reynolds.  
Committee on Transportation—Messrs. Pearce, Vitnum, Funk and Mills.  
Committee on Library—Messrs. David, Haskell, Judy and Mills.  
Committee on Museum—Messrs. Reynolds, Gillham, Washburn and Mills.  
Committee on Agricultural and Industrial Education—Messrs. Gillham, Washburn, Gore, Bradley and Reed.  
Horticulture—Pullen, Reynolds and Morse.  
Highways—Gore, Landrigan and Lewis.  
Dairy—Chester, Reed and Bradley.  
Fertilizers—Judy, Gillham and Elliott.  
Drainage—Washburn, Chester and Funk.  
Forestry—Lewis, Rush and Vitnum.  
Institute Meetings—Pearce, Gillham and Chester.  
Signal Service—Skeavington, Reed and David.  
Legislation—Funk, Gore, Haskell, Judy and Mills.  
Jury on Pedigrees—Class A—Messrs. Funk, Judy, Skeavington, Chester and Mills.  
Jury on Pedigrees—Class B—Messrs. Landrigan, Lewis, Virgin, Morse and Mills.



# Election of State Board of Agriculture.

(Extract from By-Laws.)

## SECTION I.—OFFICERS.

The officers of this Board shall be a President, and one Vice-President from each Congressional District in the State. \* \* \*

## SECTION II.—ELECTIONS.

An election for a State Board of Agriculture, by a convention of delegates, shall be held upon the State Fair Grounds, at 2 o'clock P. M., on Wednesday of the State Fair in 1884, and biennially thereafter, at such place on the Fair Grounds as the President may designate. Said delegates or alternates shall be chosen by the several agricultural societies, in counties where said societies exist, as follows: In counties having only one agricultural society, such society may appoint three delegates; in counties having two agricultural societies, each society may appoint one delegate, who shall be entitled to one and one-half votes; in counties having three agricultural societies, each society may appoint one delegate; and in case either society shall neglect or refuse to appoint such delegate, the delegate or delegates appointed shall be entitled to cast the full vote of the county; and in counties where no agricultural society exists, the delegates and alternates may be appointed by the Board of Supervisors or County Board, as the case may be; each county to be entitled to three votes, and no more, and each agricultural society shall be accredited to that county in which its Fair Grounds, or the greater part thereof, shall be located.

The delegates, alternates, or other written proxies, voting at the convention of delegates for the election of members of the State Board of Agriculture, shall, in all cases, be residents of the several counties covered by the organizations they respectively represent, and shall produce, at the time of the election, the certificate of appointment from the President or Secretary of their respective societies or the proper county officer.

On or before 12 o'clock, noon, on Wednesday of the Annual Illinois State Fair, for the year 1884, and biennially thereafter, each agricultural society shall report to the Secretary of the State Board of Agriculture, at the Fair Grounds, the names of the delegate or delegates from such agricultural society entitled to vote at the election for a State Board of Agriculture; and the Secretary shall prepare and report to the convention of delegates, immediately upon the organization of the same, and before any other business is done, the counties in which agricultural societies have been organized, and reported to him on or before the first day of September of that year; and also the names of the delegates reported to him as herein provided. The persons so appointed as delegates, alternates, or their proxies, and delegates and alternates appointed by Boards of Supervisors or County Boards, as provided by law, or their proxies, and no others, shall be entitled to vote at any election for a State Board of Agriculture.



# Congressional Districts in Illinois.

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FIRST DISTRICT—The First, Second, Third and Fourth wards in the city of Chicago, and the towns of Riverside, Hyde Park, Lake, Lyons, Calumet, Worth, Palos, Lemont, Thornton, Bremen, Orland, Bloom and Rich in the county of Cook;

SECOND DISTRICT—The Fifth, Sixth and Seventh wards in the city of Chicago, and that part of the Eighth ward in the city of Chicago which is south of the centre of Polk street and the centre of Macalester Place.

THIRD DISTRICT—The Ninth, Tenth, Eleventh, Twelfth, Thirteenth and Fourteenth wards in the city of Chicago, and that part of the Eighth ward in the city of Chicago which is north of the centre of Polk street and the centre of Macalester Place.

FOURTH DISTRICT—The Fifteenth, Sixteenth, Seventeenth and Eighteenth wards in the city of Chicago, and the towns of Lake View, Jefferson, Leyden, Norwood Park, Evanston, Niles, Maine, Elk Grove, Schaumburg, Hanover, New Trier, Northfield, Wheeling, Palatine, Barrington, Cicero and Proviso, in the county of Cook.

FIFTH DISTRICT—Lake, McHenry, Boone, DeKalb and Kane.

SIXTH DISTRICT—Winnebago, Stephenson, Jo Daviess, Ogle and Carroll.

SEVENTH DISTRICT—Lee, Whiteside, Henry, Bureau and Putnam.

EIGHTH DISTRICT—LaSalle, Kendall, Grundy, Will and DuPage.

NINTH DISTRICT—Kankakee, Iroquois, Ford, Livingston, Woodford and Marshall.

TENTH DISTRICT—Peoria, Knox, Stark and Fulton.

ELEVENTH DISTRICT—Rock Island, Mercer, Henderson, Warren, Hancock, McDonough and Schuyler.

TWELFTH DISTRICT—Cass, Brown, Adams, Pike, Scott, Greene, Jersey and Calhoun.

THIRTEENTH DISTRICT—Tazewell, Mason, Menard, Sangamon, Morgan and Christian.

FOURTEENTH DISTRICT—McLean, DeWitt, Piatt, Macon and Logan.

FIFTEENTH DISTRICT—Coles, Edgar, Douglas, Vermilion and Champaign.

SIXTEENTH DISTRICT—Cumberland, Clark, Jasper, Crawford, Clay, Richland, Lawrence, Wayne, Edwards and Wabash.

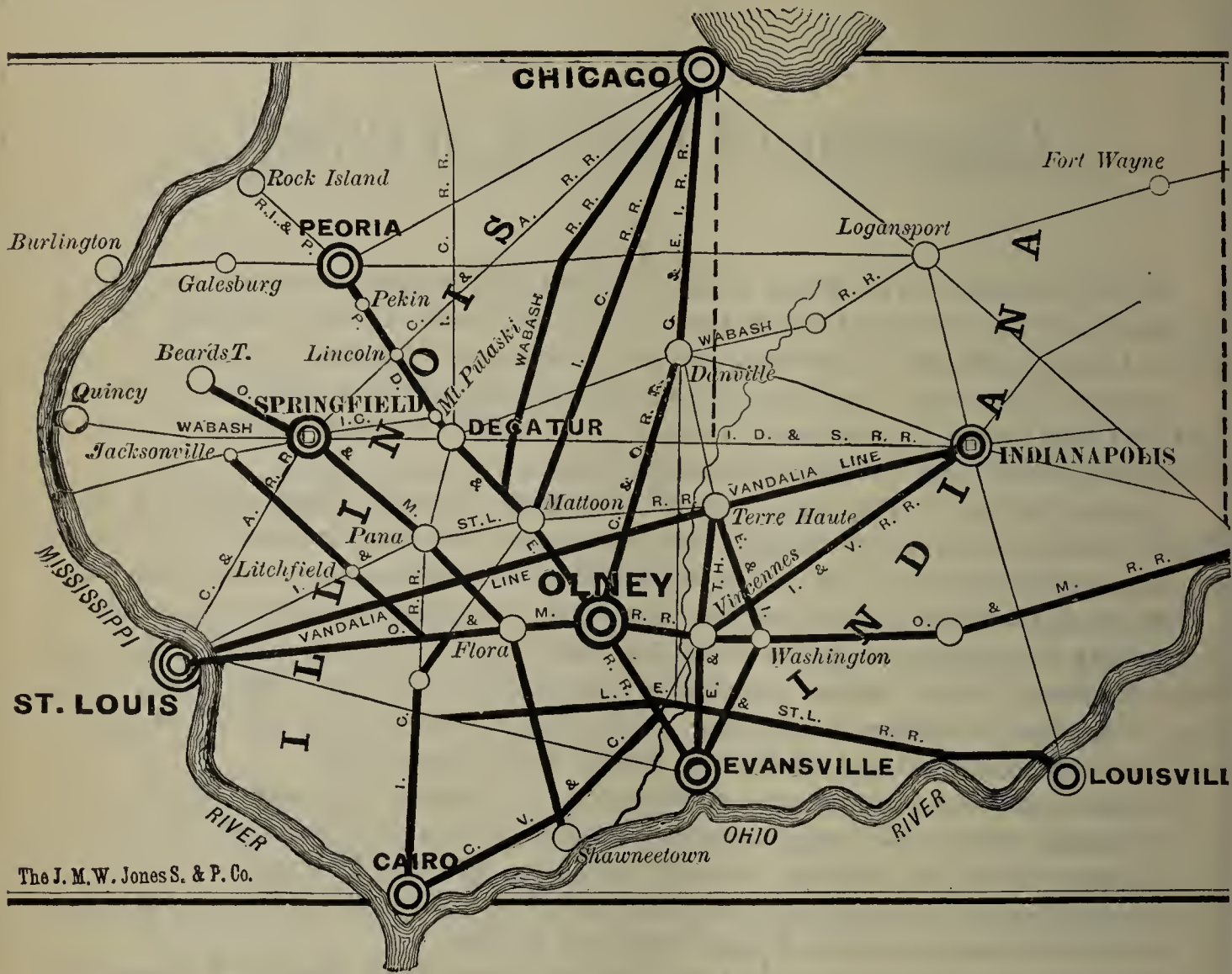
SEVENTEENTH DISTRICT—Macoupin, Montgomery, Shelby, Moultrie, Effingham and Fayette.

EIGHTEENTH DISTRICT—Bond, Madison, St. Clair, Monroe and Washington.

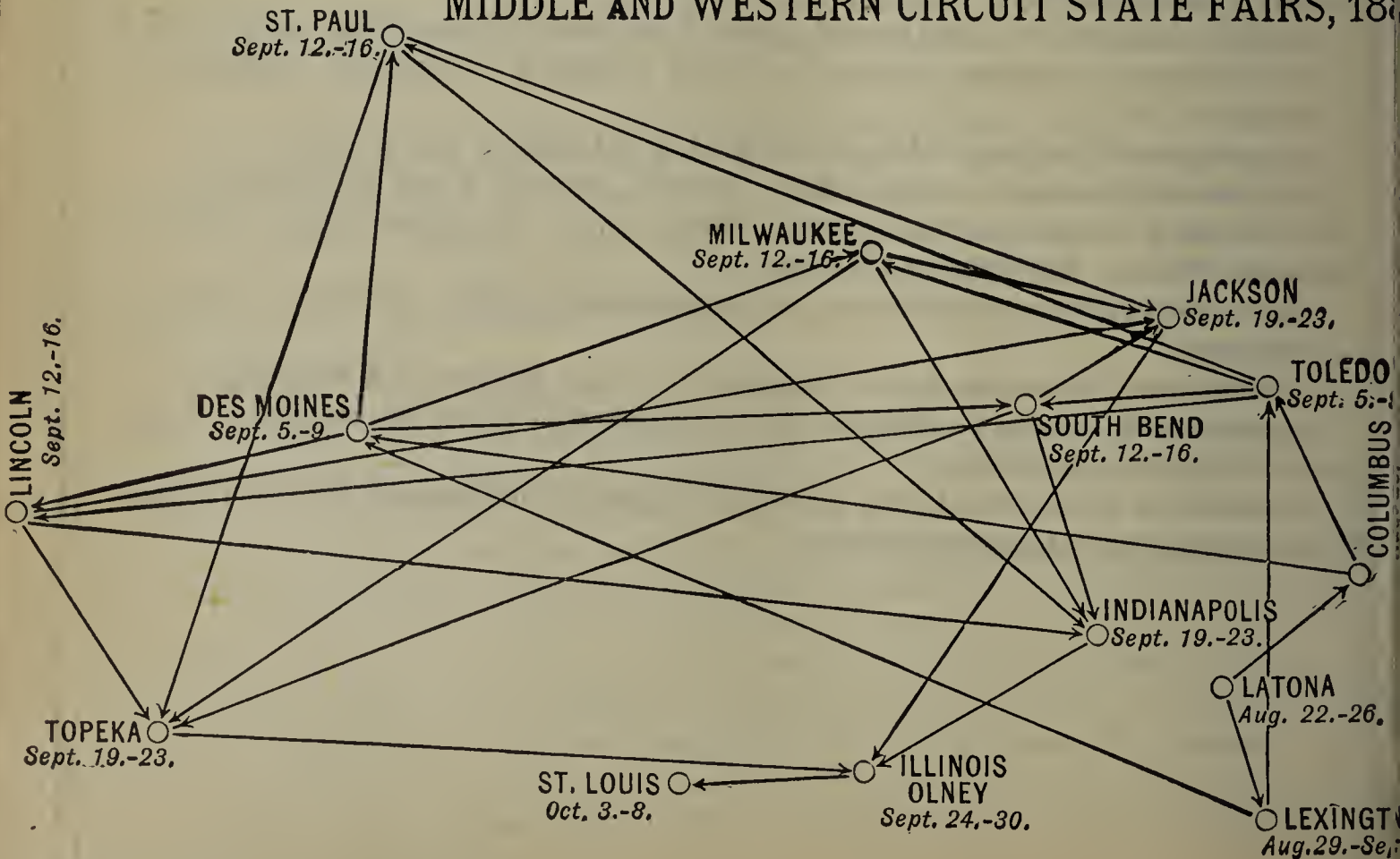
NINETEENTH DISTRICT—Marion, Clinton, Jefferson, Franklin, Hamilton, White, Saline, Gallatin and Hardin.

TWENTIETH DISTRICT—Perry, Randolph, Jackson, Williamson, Union, Johnson, Pope, Alexander, Pulaski and Massac.

The Location of the ILLINOIS STATE FAIR for the Years 1887 and 1888



MIDDLE AND WESTERN CIRCUIT STATE FAIRS, 1887





# APPLICATION FOR ENTRY.

Entries Close Saturday, September 24, 1887, at 6 O'Clock P. M.

Each exhibitor must purchase an *Exhibitor's Ticket* (price \$1.50) when applying for entries—a firm being regarded as one exhibitor. A complimentary ticket does not entitle the owner to compete for premiums. Only one member of the firm will be admitted to the grounds on the ticket which entitles the firm to compete. Members of a competing firm may purchase Exhibitor's Tickets at \$1.50 each. Application for entries, with P. O. Money Order for \$1.50, for *Season Ticket and prescribed fees for stalls*, may be sent by mail to the Secretary, at Springfield, prior to September 17. On September 21, 22, 23 and 24, the Entry Books will be open for entries at the Court House, in the city of Olney.

The following Stall Fees will be charged and must accompany the application for entry: For each box stall, \$2.00; for each open stall, \$1.00. Stalls will be assigned by the Superintendent of Stalls, only upon the certificate of the Secretary that the fees therefor have been paid.

Blank applications for stalls will be furnished on application.

Exhibitors will find their Entry Cards ready for them at the office of the Secretary, on the Fair Grounds, on the first day of the Fair.

INSTRUCTIONS FOR FILLING BLANKS.

1. In filling the application, insert only animals or articles in the same class, using a separate blank each for cattle, sheep, hogs, etc., giving the letter of the *class* and the number of the *lot* and *premium* in the columns for that purpose, and under the heading "Animal" or "Article" give the exact wording of the premium entered for, viz: "Class A, Lot 1, No. 5; Best Cow 4 years old or over; Name, 'Fragrant.'"
2. Application for entry of articles not enumerated in the Premium List, may be made as *miscellaneous*, and if commended by the Committee, will receive attention of the Board at the Annual Meeting in January, 1888.
3. The Pedigree of each animal entered, with number of premiums entered for, must be given on the reverse of entry blank, as indicated. Pedigrees of pure-bred live stock, in all cases, must be traceable to the American or English Herd or Stud Books, for the particular breed to which they belong.
4. If the rules require you to present a *statement*, forward same to the Secretary with the application for entry.
6. *Animals affected by, or having been exposed to any contagious disease during the thirty days next preceding the Fair of 1887, will be excluded from the grounds.*

[illegible]

CHARLES F. MILLS, *Secretary*, SPRINGFIELD, ILL.: I make application to enter for the premiums named above, and enclose \$1.50 for Exhibitor's Ticket,

(Exhibitor's Name and P. O. Address.)

NAME.....	P. O. ....	COUNTY.....	STATE.....
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## APPLICATION FOR STALLS.

ILLINOIS STATE FAIR, OLNEY, SEPT. 24-30, 1887.

Applications for Stalls must be Filed with the Secretary, at Springfield, on or before  
September 17, 1887.

**Attention of Exhibitors is invited to the following RULES relating to the Assignment and Occupation of Stalls :**

The Superintendent of Stalls will assign stalls for cattle and horses upon the certificate of the Secretary that the fees therefor have been paid.

Parties desiring stalls for the exhibition of horses and cattle at the Fair must file their applications with the Secretary at Springfield, prior to September 17, 1887.

Applications for stalls will not be considered unless accompanied with the fees, which are as follows: For each box stall, \$2.00; for each open stall, \$1.00. Stalls used for feed or attendants furnished at same price. Parties contracting for stalls and not occupying the same on or before Monday night of the opening day of the Fair, will forfeit the fees paid, and the stalls will be subject to re-assignment. In case of unavoidable detention and failure to attend the Fair, proper notice of such inability must be given the Superintendent of Stalls prior to 6 o'clock P. M. on Saturday, September 24, otherwise the matter of returning the fees will not be considered.

In case additional stalls have been constructed for the accommodation of applicants, and are not occupied by reason of failure of the party to attend the Fair, the stall fees will not be returned.

*Animals of the same Breeds shall be grouped together by the Superintendent of Forage and Stalls.*

[illegible]

CHARLES F. MILLS, *Secretary*, Springfield, Ill.:

I hereby make application for the stalls specified, and on the conditions named above, and enclose herewith \$.....for.....Open Stalls, and \$.....for.....Box Stalls.

P. O. .... Name. ....

.....1887.

HON. D. W. VITTUM, JR., *Superintendent of Stalls:*

This is to certify that the above Application for Stalls has been noted on the books of this office, and that the necessary remittance has been received.

Springfield, Ill.,.....1887. ....Sec'y.



# GENERAL RULES AND REGULATIONS

FOR THE FAIR OF 1887.

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**Members of the Board will see that these Rules are Strictly Enforced.**

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## Shipment of Exhibits.

1. The Fair Grounds will be open for the reception of stock and articles for exhibition on Tuesday, the 20th day of September, 1887, and they should be shipped to the exhibitor or his agent, and in no case will any article be brought upon the grounds and placed upon exhibition except by and at the expense of the owner, or his authorized agent.

2. Exhibitors of implements and machinery are requested to ship such articles as are intended for exhibition as early as possible, so as to give ample time for transportation.

3. Freight for the Fair should be billed to the Fair Ground, Olney, Illinois.

4. All animals and articles entered for exhibition must be placed in the several departments not later than 9 o'clock A. M., Monday, September 26, 1887.

## Entry of Exhibits.

1. Entries may be made by addressing the Secretary at Springfield, Illinois, and enclosing \$1.50 for exhibitor's ticket, before the 17th day of September, 1887. The entry books will be opened at the court house in the city of Olney on Wednesday, September 21, 1887. Blank applications will be furnished at any time, on which to specify exhibitor's name and address, with description of the animal or article offered. No entry can be made after Saturday, September 24, 1887, at 6 o'clock P. M., unless in case of unavoidable detention, and then only on certificate of the Superintendent of the Department. Exhibitors will find their entry cards and exhibitors' ticket ready for them at the office of the Secretary on the Fair Ground the first day of the Fair. The following stall fees will be charged, and must accompany the application for entry: For each box stall, \$2.00; for each open stall, \$1.00. Stalls will be assigned by the Superintendent of Stalls only upon the certificate of the Secretary that the fees therefor have been paid.

2. Each exhibitor must purchase an exhibitor's ticket before making entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the grounds on the ticket that entitles the firm to compete, and in no case will such ticket be transferable. Members of the competing firm may purchase exhibitor's tickets at \$1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

3. Articles which are the product of mechanical or artistic skill must be entered by the artist, inventor, manufacturer or authorized agent, and to all objects of fine arts the name of the artist must be affixed, if known.

4. Articles which are the product of the soil must be entered in the name of the producer of the same.

5. On the entry of each animal or article, a card will be furnished the exhibitor specifying the class, the number of the lot, and the number of the entry, which



card must remain attached to the animal or article during the exhibition, except in Classes C, D and E, where the cards should be attached to the pen or coop.

6. All statements of the facts required by exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all pure-bred classes, recorded pedigrees, or such as are eligible to record, attested by the Secretaries of the respective pedigree records, must be furnished at the time of entry. Statements showing date of birth, and the proportion of improved blood, so far as known, in each animal exhibited in lots for grades and crosses, must be furnished at time of entry.

7. No animal or article will be entitled to a place on the grounds until the entry shall have been made as above, except in case of emergency, and then at the discretion of the Superintendent of the Department.

8. All State and public institutions shall be allowed to exhibit, but shall not be permitted to compete for premiums.

### Rules Applicable to Animals.

1. Exhibitors of animals must place their names and addresses and the name of the particular breed to which each animal belongs, and its age, in a conspicuous place in their respective stalls or pens. Animals of the same breeds shall be grouped together by the Superintendent of Forage and Stalls and the Superintendents of Classes C and D, as far as practicable. It is the duty of the Superintendent of Stalls to see that this rule is enforced.

2. Any person who shall enter stock or occupy a stall or pen therewith, and shall fail to show in the class entered, shall be required to pay a penalty of not less than \$10.00, and the stock so entered shall not be removed from the grounds until such fine be paid. The Superintendents of Forage and of Classes A, B, C and D, shall be a committee to determine whether such stock shall have been properly exhibited, and their decision shall be final.

3. All competing animals shall be exhibited and paraded in the ring at the discretion of the superintendents, and any exhibitor failing to comply with this rule will forfeit any premium awarded his stock. No animals shall be decorated with any unnecessary trappings, etc., during the examination by the awarding committee.

4. Every animal must be entered for competition in the name of the owner (except where sires and dams are shown with their progeny), but such names shall not appear on the entry card.

5. The age of horses and foals, except in lots for draft breeds, will be reckoned from January 1st, and in case of draft breeds the age shall be reckoned from date of birth.

6. Live stock must have been owned and in the possession of the party in whose name it is exhibited for at least thirty days before exhibition.

7. A single animal may be exhibited as one of a herd or pair, and in sweepstakes in his or her class; but shall not otherwise be entered in more than one lot (except in lots 13, 14, 15 and 38). Draft horses can be entered and shown only in one lot and in sweepstakes rings for said lot.

8. The age of the animal, except as noted, shall be determined from the date advertised for exhibiting the same in the programme of the Fair.

9. Only animals awarded first prizes in class rings are eligible to compete in the sweepstakes rings, and only animals awarded sweepstakes prizes, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prizes at the Fat Stock Show.

10. The Superintendents of Classes A, B, C and D shall exclude stock from all competition, should there be unnecessary or embarrassing delay on the part of the exhibitors in bringing animals into the show ring.



11. Stubble-shorn sheep, or those with fleeces artificially colored, will be excluded from competition.

12. All sheep must have been properly sheared on or after the first day of April, 1887.

13. When on exhibition in the ring, each animal in Classes A, B and C must be under bridle or halter, and in charge of owner or employe, except as noted.

14. Animals affected by, or having been exposed to any contagious diseases during the thirty days next preceding the Fair, will be excluded from the grounds. All stock exhibited in breeding rings must be in breeding condition, and evidence must be produced, if required, that they are breeders. All male animals shown in any breeding ring must be entire, and no animal shall be considered which is affected with any chronic disease, deformity or serious imperfection.

15. In case of any outbreak of any contagious or infectious diseases among domestic animals, making it advisable for the public safety that such stock should not be exhibited at the Illinois State Fair, the Board reserves the right, in case of such an emergency, to withdraw the premiums therefor, by giving the public notice of such action at any time.

16. A reasonable amount of straw will be furnished exhibitors at twenty-five cents per hundred pounds. The Superintendent of Forage and Stalls to determine the quantity to be furnished for the use of each exhibitor.

17. No animal or article on exhibition can be removed from the grounds until the close of the Fair, except animals affected with disease, and upon such occasions only upon the written permission of the President.

#### **Duties and Privileges of Exhibitors.**

1. Exhibitors will at all times give the necessary personal attention to whatever they may have on exhibition, and at the close of the Fair take entire charge of the same. The hour of closing will be announced by the Marshal of the Ring.

2. Diligence will be used by the officers of the Board to prevent injury to, or loss of animals or articles on exhibition, but the Board will not be responsible for any loss or damage to animals or articles, or injury to persons that may occur.

3. Objections to a person serving as a member of an awarding committee must be submitted to the Superintendent in writing, prior to making any award, giving good and sufficient reasons therefor. The Superintendent receiving such objections, if deeming them worthy of consideration, shall report the same to the President, who with the Superintendent, shall constitute a committee to fill the vacancy.

4. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of the Department before the examination of the protested animal or article by the awarding committee is concluded, and a written statement, verified by affidavit, setting forth the reasons for protesting, must be filed with the Secretary on the day the animal or article is exhibited. Provided the protest will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee. In all cases where protests are made, if the Board shall be satisfied that they are instigated by improper or malicious motives the Board shall exclude the party protesting from exhibiting for two years or more thereafter. In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal or article shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue. In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves



the right to take cognizance of fraud, which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

5. Any exhibitor attempting to interfere with the judges during their adjudication will be promptly excluded from competition.

6. Any exhibitor who tears off a premium ribbon, or authorizes another person to do so, in the presence of the Awarding Committee, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition.

### Awarding Committees.

Copies of this Premium List will be sent to the Secretary of each Agricultural Society in this State, and to each member of the Awarding Committees.

1. Members of Awarding Committees will report to the Superintendents at their respective Departments at 9 o'clock A. M. of the day fixed for awarding premiums on the lots on which they are respectively to judge.

2. Committeemen, before entering upon their duties, shall pass a satisfactory examination before the Board as to their qualification. If, after examination, the Superintendent becomes satisfied of the incompetency of the committeemen, he shall, without delay, report the fact to the President, who shall convene the Committee of Arrangements for such action as may be necessary.

3. No person shall act as judge in any lot in which he may be interested as an exhibitor, agent or employe of an exhibitor, or otherwise.

4. All awards shall be made by ballot and without consultation, if there be more than one member of the committee. The Awarding Committees, except where otherwise specified, shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals, pens or articles voted for shall receive the premium.

5. The awards of premiums by committees at the Fair shall be confined to entries of animals or articles named in the Premium List. The Committee shall, however, examine all animals or articles entered and shown as "miscellaneous" and when any such animals or articles are deemed sufficiently meritorious, they may recommend their suitable recognition by the Board, in which cases the committee shall enter on the books, and in a special report, if necessary, give their reasons in full for such recommendations. Such reports of Awarding Committees shall be returned to the Secretary, by the Superintendent, and shall be acted upon by the Board, at its discretion, at the annual meeting next following the Fair, and the Secretary shall at an early day thereafter, notify the parties interested, of the action taken.

6. No animal or article deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition. The Awarding Committee may award any grade of premium, according to the merit of the animal or article.

7. Symmetry, size, early maturity and general characteristics of each of the several breeds of animals will be considered, and proper allowance made for age, feeding and other circumstances.

8. Should any doubt arise as to the regularity of entry, or any other important matter which the committee feel incompetent to decide, they shall at once report the same to the Superintendent of the Department for decision, which when made, shall be final.

9. Awarding Committees are instructed, that if they shall have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain a premium by misrepresentation, they shall report



the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for two or more years.

10. Decisions of awarding committees shall be final, and no appeal will be considered, except in case of protest.

## OFFICERS, SUPERINTENDENTS, COMMITTEES.

### Designation of Officers.

The Officers and Superintendents of Departments will be designated by badges with their official position engraved thereon.

Assistants will wear ribbons with Department printed thereon.

An Assistant Superintendent will not be allowed to wear the badge of his Superintendent, except in his absence.

### General Superintendent.

1. The Superintendent of the Grounds will have charge of the police and fire department and that portion of the amphitheatre assigned to the press and invited guests, and shall assign such number of policemen to the several departments as the Superintendents may require.

2. The Superintendent may lend any assistance in his power by way of information, direction and facilities for reaching the grounds, though neither he nor the Board will be, under any circumstances, responsible for transportation. He will direct exhibitors to proper departments on the grounds, assign places for encampments, and exercise a general supervision and preserve order and decorum. He will see that a proper supply of water for drinking purposes is on the grounds and convenient of access, and will take charge of all public sales of stock or other articles during the Fair.

3. A strong police force, under the direction of the Superintendent of Grounds, assisted by a corps of detectives, will be on duty day and night.

### Superintendents of Departments.

1. Each Superintendent of a department will have the selection of his assistants and his committees, the arrangement and supervision of all articles or animals on exhibition in his department, and be responsible to the Board for the management of the same.

2. He shall call the attention of the Awarding Committee to the rules and conditions governing awards.

3. He will afford the Awarding Committee every facility for examination; will affix the ribbons under the direction of the committees; shall have charge of the books; and when the awards are finished, return the books to the Auditor, and after approval return the same to the Secretary.

4. Great care must be taken to preserve the Awarding Committees' books, and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid on these entries. Superintendents will be particular to observe the following rule:

BLUE RIBBONS are designed for the first premium.

RED RIBBONS for second premium.

WHITE RIBBONS for third premium.

Ribbons will be affixed at the time of the awards, on all premium animals shown in the ring. Upon all other animals or articles the Superintendents of the several departments shall attach the ribbons as awarded by the committees, and they are *never* to be affixed to articles classed as Miscellaneous.



The green and yellow ribbons are designed for Miscellaneous articles, for which no premium can be awarded, except by the Board at a regular meeting—the Green ribbon for highest commendation, and the Yellow ribbon for high commendation.

6. Each award (and notice of protest, if any is made) must be written in a plain, careful manner by the Superintendent, in ink or indelible pencil, in blank page opposite the entry.

7. The books must be returned by the Superintendent of each Department to the Auditor and by him to the Secretary as soon as the awards in each are completed.

8. Each Superintendent is expected to exercise great care in preserving and returning the department books, as upon the entries of awards in them, and upon no other authority, can checks for premiums be drawn.

9. It shall be the duty of each Superintendent of Department to notify the General Superintendent as to the number of policemen required in his department before August 24, 1887; and on or before September 1, 1887, to inform the Chairman of the Committee on Transportation of the name and location of assistants and the routes they will take in going to the place of the Fair.

10. It shall be his duty at the close of the Fair, to make the Board a report in detail of his department, giving the general features of the same as to extent, quality, variety, etc., and to make such suggestions for improvements as shall occur to him during the Fair.

11. Superintendents of departments other than live stock, shall use their best efforts to have awards completed not later than Wednesday, September 28, 1887.

12. Superintendents of departments, excepting in Classes A and B, will furnish exhibitors with tickets permitting them to remain on the grounds, but such tickets will not entitle the holder to admission at the gates.

#### **Superintendent of Gates and Tickets.**

The Superintendent of Gates and Tickets will have charge of the gates and ticket-takers. He will also furnish the Treasurer, Officers and all Superintendents with the necessary tickets for their departments, and collect and recount the same.

#### **Superintendent of Purchasing Department.**

The Superintendent of the Purchasing Department shall make, on the requisitions of Superintendents, any necessary purchase of material (except forage) in connection with the Fair, and obtain vouchers therefor, except for sums under five dollars, which may be paid upon his voucher, said voucher to give items in detail, with names and receipts of parties from whom purchased.

The Purchasing Agent shall have the custody of all personal property of the Board used in connection with the Fair, and at the opening of the Fair shall issue the same upon the requisition of the members of the Board.

Members of the Board at the close of the Fair will return all such property to the Superintendent of the Purchasing Department, who will turn the same over to the Secretary, taking his receipt therefor.

#### **Superintendent Permits and Privileges.**

1. The Superintendent of Permits and Privileges will sell privileges for dining-halls, booths, stands, etc., for the Fair on Thursday, September 1, 1887, at 10 o'clock A. M., on the Fair Ground at Olney.

2. No privileges will be granted for less than \$25, and payment must be made in advance for all permits issued for \$100 or less, and no permits will be granted for the sale of cheap jewelry, and no games of chance will be permitted on the grounds. No peddling will be allowed on the Fair Grounds.



### Forage and Stalls.

1. The Superintendent of Forage and Stalls will assign stalls for cattle and horses, upon the certificate of the Secretary that the fees therefor are paid; provide the necessary supplies of forage, litter and water for stock on exhibition, and see to the proper distribution of the same.

2. Stalls will be assigned only to bona fide exhibitors, and parties sub-letting stalls without permission of the Superintendent of Stalls, will thereby forfeit the same, and such stalls will be subject to re-assignment.

3. Parties desiring stalls for the exhibition of horses and cattle at the Fair, must file their applications with the Secretary at Springfield, prior to September 17, 1887. Blank applications for stalls will be furnished at any time, on which to specify the exhibitor's name and address, with name of breed of animals for which stalls are desired. Applications for stalls will not be considered unless accompanied with the fees, which are as follows:

For each box stall, \$2.00; for each open stall, \$1.00.

Stalls used for feed or attendants furnished at same prices.

Parties contracting for stalls and not occupying the same on or before Saturday, September 24, will forfeit the fees paid, and the stalls will be subject to re-assignment. In case of unavoidable detention and failure to attend the Fair, proper notice of such inability must be given the Superintendent of Stalls prior to 6 o'clock P. M. on Saturday, September 24, otherwise the matter of returning the fees paid will not be considered. In case additional stalls have been constructed for the accommodation of applicants, and are not occupied by reason of failure of the party to attend the Fair, the stall fees will not be returned.

4. Any person who shall enter stock, and occupy a stall or pen therewith, and shall fail to show the same in the class entered shall be required to pay a penalty of not less than \$10 for each offense, and the stock so entered shall not be removed from the grounds until such fine be paid. The Superintendent of Forage and Stalls and of Classes A and B shall be a committee to determine whether such stock shall have been shown in good faith, and their decision shall be final.

5. The Superintendent of Forage and Stalls will furnish exhibitors in Classes A and B with tickets permitting their assistants to remain on the grounds, but such tickets will not entitle the holder to admission at the gates.

### Marshal of the Ring.

1. The Marshal of the Ring will superintend the position and display of animals when brought into the ring, preserve order and properly enforce the rules of the Board in the amphitheatre and exhibition ring, announce the awards, and have the care and control of the amphitheatre, except that portion occupied by the press and invited guests.

2. No person will be allowed in the ring at the time of making the awards, except awarding committees, officers of the Board, persons especially invited, and owners or employes in care of stock.

3. The Marshal of the Ring will exclude all persons from the immediate vicinity of stock on exhibition in the ring, except the members of the acting awarding committees and persons in charge of the animals.

### Bureau of Information.

The Superintendent of the Bureau of Information will furnish visitors and exhibitors all possible information concerning the location of offices, departments, exhibits and places of interest on the Fair Grounds,

### Refreshments.

1. Ample arrangements will be made for victualing all who may attend.
2. Hotels and restaurants have agreed to charge only usual rates during the Fair.
3. Meals will be furnished on the Fair Grounds at not to exceed 50 cents each.

### Guests.

Delegates from other State Agricultural Organizations are cordially invited to attend this Fair, and are respectfully requested to report to the President at his office, that they may receive suitable attention.

## FINANCES.

### Admission to Grounds.

1. All exhibitors must obtain their tickets of admission at the Secretary's office.
2. Exhibitor's tickets, entitling the purchaser to compete for every premium and be admitted to the grounds during the Fair, \$1.50.

### Visitors.

Tickets will be sold as noted below:

Ticket admitting one person,	-	-	-	-	\$0.50
" " child under 12 years of age,	-	-	-	-	25
" " one person on horseback,	-	-	-	-	75
" " one or two-horse vehicle,	-	-	-	-	50
" " four-horse vehicle,	-	-	-	-	1.00

Each occupant of a vehicle must be provided with an admission ticket.

3. No person will be permitted to remain on the grounds over night, except those holding complimentary or exhibitor's tickets or permits, unless he has purchased tickets for the next day.

### Collection of Funds.

All officers and members of the Board receiving moneys of the Board must promptly pay the same over to the Treasurer, taking his itemized receipt in duplicate therefor.

The party collecting and transferring the funds must, without unnecessary delay, forward the duplicate receipt of the Treasurer to the Secretary, who will credit the several accounts with the amounts named.

### Auditor.

Every payment of money shall be made by warrant of the Secretary upon the Treasurer, countersigned by the Auditor, and no such warrant shall be drawn by the Secretary except upon a voucher approved by the Auditor and receipted by the payee.

Said vouchers must be made in detail in the name of the individual or firm rendering the service or furnishing the material, and certified by the member or committee on whose order the service or material was furnished, and before payment be properly receipted by the party entitled to the money.

All bills incurred on account of the Fair or Fat Stock Show must be presented to the Auditor within ten days after the close of the Fair or Fat Stock Show.



### **Treasurer.**

He shall receive from the Superintendent of Tickets such tickets as may be provided for by the Board, and give his receipt for the same as for money received, and shall superintend the sale of the same, under such rules as the Board may prescribe.

### **Contracts for Labor and Material.**

All contracts for labor and material required for the Fair or Fat Stock Show not made by the Purchasing Agent, shall be made in duplicate, by the member or committee authorized to make the expenditure, the original copy to be given to the party contracted with, and the duplicate to be filed with the Auditor without delay.

### **Payment of Premiums.**

1. Premiums will be paid in cash except where otherwise noted. The medals will be well executed, appropriately engraved, and will be ready for delivery at the annual meeting of the Board.

2. After the awards are made, and the books returned by the Auditor to the Secretary, he will draw, and on application, deliver to those entitled to them, checks on the Treasurer, countersigned by the Auditor, for the several amounts of cash premiums.

3. These checks must be endorsed, as they are payable to order—not to bearer—and on presentation to Treasurer, properly endorsed, will be paid.

4. Checks for premiums not applied for during Fair week, will be forwarded by the Secretary, on receipt of proper instructions, at any time within three months after the award.

Those not applied for within that time may be forfeited to the Board.

### **Meetings of the Board.**

Regular meetings of the Board shall be held at the local headquarters of the President, at 8 o'clock P. M., each evening during the State Fair and the Fat Stock Show, without notice to members.

Special meetings may be called by the President or any five members of the Board, jointly, of which due and timely notice shall be given to each member by the Secretary, and in which a majority of the Board shall be competent for the transaction of business.

In case of emergency, special meetings may be called by the President, the notice of which may be served on such members of the Board as it may be practicable to reach, the number notified and attending being not less than a majority of the Board, and at such meetings no business shall be transacted except by unanimous consent of those present.

# LIST OF PREMIUMS,

FOR THE FAIR OF 1887.

## CLASS A—Cattle.

LAFAYETTE FUNK, Superintendent.

1. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination of the protested animal by the Awarding Committee is concluded, and a written statement, verified by affidavit, setting forth the reasons for the protest, must be filed with the Secretary on the day the animal is exhibited. Provided that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state, under oath, that the facts upon which the protest is made were not in his possession at the time the animal was before the Awarding Committee at the Fair.

In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter.

In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.

In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto, be deemed just and proper.

2. All cattle exhibited must be in breeding condition, and evidence must be produced, if required, that they are breeders. Breeding cows must have produced a living calf within two years back.

3. All cattle must have been owned by the party in whose name they are exhibited for at least thirty days before exhibition.

4. All applications for entry of pure-bred cattle must be accompanied with name, age and date of birth, breeder, name and number of sire or dam of the animal to be exhibited.

5. Pedigrees of cattle, in all cases, must be traceable to the American or Foreign Herd Books for the particular breeds to which they belong.

6. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges; two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

7. The Superintendent shall exclude stock from competition, should there be any unnecessary or embarrassing delay on the part of the exhibitors in bringing animals into the show ring.

8. All animals entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.

9. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.

10. Animals cannot be removed until the close of the Fair, except when affected by disease; and in such cases only upon the written permission of the President.

11. The Superintendent of Forage and Stalls will furnish exhibitors of cattle with tickets, permitting their assistants to remain on the grounds; but such tickets will not entitle the holder to admission at the gate. Stalls will be assigned by the Superintendent of Stalls upon the certificate of the Secretary that the fees therefor have been paid. Applications for stalls should be filed with the Secretary prior to September 17, 1887, and be accompanied with the following fees: For each box stall, \$2.00; for each open stall, \$1.00.

12. Only animals awarded first prizes in class rings are eligible to compete in Lot 13—Beef Breeds by Ages.



**CLASS A—Cattle.****LAFAYETTE FUNK, Superintendent.****BEEF BREEDS.****Lot 1—Short-Horn.****BULLS.**

1	Best Bull 3 years old or over.....	\$25 00
	Second best.....	15 00
2	Best Bull 2 years old and under 3.....	25 00
	Second best.....	15 00
3	Best Bull 1 year old and under 2.....	20 00
	Second best.....	10 00
4	Best Bull under 1 year old.....	15 00
	Second best.....	10 00

**COWS AND HEIFERS.**

5	Best Cow 4 years old or over.....	25 00
	Second best.....	15 00
6	Best Cow 3 years old and under 4.....	25 00
	Second best.....	15 00
7	Best Heifer 2 years old and under 3....	25 00
	Second best.....	15 00
8	Best Heifer 1 year old and under 2....	20 00
	Second best.....	10 00
9	Best Heifer under 1 year old....	15 00
	Second best.....	10 00

**Lot 2—Short-Horn—Herd.**

10	Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....	\$50 00
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**Lot 3—Short-Horn—Sweepstakes.**

11	Best Bull of any age.....	\$50 00
12	Best Cow or Heifer of any age.....	50 00

**Lot 4—Hereford.****BULLS.**

13	Best Bull 3 years old or over.....	\$25 00
	Second best.....	15 00
14	Best Bull 2 years old and under 3....	25 00
	Second best.....	15 00
15	Best Bull 1 year old and under 2.....	20 00
	Second best.....	10 00
16	Best Bull under 1 year old.....	15 00
	Second best.....	10 00

**COWS AND HEIFERS.**

17	Best Cow 4 years old or over.....	\$25 00
	Second best.....	15 00
18	Best Cow 3 years old and under 4.....	25 00
	Second best.....	15 00
19	Best Heifer 2 years old and under 3....	25 00
	Second best.....	15 00
20	Best Heifer 1 year old and under 2....	20 00
	Second best.....	10 00
21	Best Heifer under 1 year old.....	15 00
	Second best.....	10 00

**Lot 5—Hereford—Herd.**

22	Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....	\$50 00
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**Lot 6—Hereford—Sweepstakes.**

23	Best Bull of any age.....	\$50 00
24	Best Cow or Heifer of any age.....	50 00

**Lot 7—Devon,****BULLS.**

25	Best Bull 3 years old or over.....	\$25 00
	Second best.....	15 00
26	Best Bull 2 years old and under 3....	25 00
	Second best.....	15 00
27	Best Bull 1 year old and under 2.....	20 00
	Second best.....	10 00
28	Best Bull under 1 year old.....	15 00
	Second best.....	10 00

**COWS AND HEIFERS.**

29	Best Cow 4 years old or over.....	25 00
	Second best.....	15 00
30	Best Cow 3 years old and under 4.....	25 00
	Second best.....	15 00
31	Best Heifer 2 years old and under 3....	25 00
	Second best.....	15 00
32	Best Heifer 1 year old and under 2....	20 00
	Second best.....	10 00
33	Best Heifer under 1 year old.....	15 00
	Second best.....	10 00

**Lot 8—Devon—Herd.**

- 34 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$50 00

**Lot 9—Devon—Sweepstakes.**

- 35 Best Bull of any age.....\$50 00  
36 Best Cow or Heifer of any age..... 50 00

**Lot 10—Polled Angus or Galloway.**

**BULLS.**

- 37 Best Bull 3 years old or over.....\$25 00  
    Second best ..... 15 00  
38 Best Bull 2 years old and under 3..... 25 00  
    Second best ..... 15 00  
39 Best Bull 1 year old and under 2..... 20 00  
    Second best ..... 10 00  
40 Best Bull under 1 year old..... 15 00  
    Second best ..... 10 00

**COWS AND HEIFERS.**

- 41 Best Cow 4 years old or over..... 25 00  
    Second best ..... 15 00  
42 Best Cow 3 years old and under 4..... 25 00  
    Second best ..... 15 00  
43 Best Heifer 2 years old and under 3 .. 25 00  
    Second best ..... 15 00  
44 Best Heifer 1 year old and under 2.... 20 00  
    Second best ..... 10 00  
45 Best Heifer under 1 year old ..... 15 00  
    Second best ..... 10 00

**Lot 11—Polled Angus or Galloway—Herd.**

- 46 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$50 00

**Lot 12—Polled Angus or Galloway—Sweepstakes.**

- 47 Best Bull of any age.....\$50 00  
48 Best Cow or Heifer of any age ..... 50 00

**Lot 13—Beef Breeds by Ages.**

**BULLS.**

- 49 Best Bull 3 years old or over .....\$50 00  
50 Best Bull 2 years old and under 3..... 50 00  
51 Best Bull 1 year old and under 2..... 50 00  
52 Best Bull under 1 year old ..... 50 00

**COWS AND HEIFERS.**

- 53 Best Cow 4 years old or over..... 50 00  
54 Best Cow 3 years old and under 4..... 50 00  
55 Best Heifer 2 years old and under 3... 50 00  
56 Best Heifer 1 year old and under 2.... 50 00  
57 Best Heifer under 1 year old..... 50 00

**Lot 14—Beef Cattle—Sweepstakes—Herd.**

- 58 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$100 00  
    Second best..... 50 00

**Lot 15—Beef Cattle—Young Herds.**

- 59 Best Herd, consisting of Bull and four Heifers under 2 years of age.....\$100 00

**DAIRY BREEDS.**

**Lot 16—Holstein—Friesian.**

**BULLS.**

- 60 Best Bull 3 years old or over.....\$25 00  
    Second best..... 15 00  
61 Best Bull 2 years old and under 3..... 25 00  
    Second best..... 15 00  
62 Best Bull 1 year old and under 2..... 20 00  
    Second best. .... 10 00  
63 Best Bull under 1 year old. .... 15 00  
    Second best..... 10 00

**COWS AND HEIFERS.**

- 64 Best Cow 4 years old or over..... 25 00  
    Second best..... 15 00  
65 Best Cow 3 years old and under 4..... 25 00  
    Second best..... 15 00  
66 Best Heifer 2 years old and under 3... 25 00  
    Second best..... 15 00  
67 Best Heifer 1 year old and under 2.... 20 00  
    Second best..... 10 00  
68 Best Heifer under 1 year old..... 15 00  
    Second best..... 10 00

**Lot 17—Holstein—Friesian—Herd.**

- 69 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$50 00

**Lot 18—Holstein—Friesian—Sweepstakes.**

- 70 Best Bull of any age.....\$50 00  
71 Best Cow or Heifer of any age ..... 50 00

**Lot 19—Jersey.**

**BULLS.**

- 72 Best Bull 3 years old or over.... ..\$25 00  
    Second best..... 15 00  
73 Best Bull 2 years old and under 3..... 25 00  
    Second best..... 15 00  
74 Best Bull 1 year old and under 2..... 20 00  
    Second best..... 10 00  
75 Best Bull under 1 year old..... 15 00  
    Second best..... 10 00

**COWS AND HEIFERS.**

- 76 Best Cow 4 years old or over..... 25 00  
    Second best..... 15 00  
77 Best Cow 3 years old and under 4..... 25 00  
    Second best..... 15 00  
78 Best Heifer 2 years old and under 3.. 25 00  
    Second best..... 15 00  
79 Best Heifer 1 year old and under 2.... 20 00  
    Second best..... 10 00  
80 Best Heifer under 1 year old..... 15 00  
    Second best..... 10 00



**Lot 20—Jersey—Herd,**

- 81 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$50 00

**Lot 21—Jersey—Sweepstakes.**

- 82 Best Bull of any age.....\$50 00  
83 Best Cow or Heifer of any age..... 50 00

**Lot 22—Ayrshire****BULLS.**

- 84 Best Bull 3 years old or over.....\$25 00  
    Second best..... 15 00  
85 Best Bull 2 years old and under 3..... 25 00  
    Second best..... 15 00  
86 Best Bull 1 year old and under 2..... 20 00  
    Second best..... 10 00  
87 Best Bull under 1 year old..... 15 00  
    Second best..... 10 00

**COWS AND HEIFERS.**

- 88 Best Cow 4 years old or over.....\$25 00  
    Second best..... 15 00  
89 Best Cow 3 years old and under 4..... 25 00  
    Second best..... 15 00  
90 Best Heifer 2 years old and under 3... 25 00  
    Second best..... 15 00  
91 Best Heifer 1 year old and under 2.... 20 00  
    Second best..... 10 00  
92 Best Heifer under 1 year old..... 15 00  
    Second best..... 10 00

**Lot 23—Ayrshire—Herd.**

- 93 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old..... \$50 00

**Lot 24—Ayrshire—Sweepstakes.**

- 94 Best Bull of any age.....\$50 00  
95 Best Cow or Heifer of any age..... 50 00



## The American Jersey Cattle Club makes the following Announcement:

*Resolved*, That the Board of Directors be authorized and instructed to offer and pay, for the year 1887, to the State Agricultural Fair of each and every State in the Union the sum of one hundred dollars, to be given to the exhibitor of the best herd of registered Jersey Cattle owned in said State; said herd to consist of one bull and four females; their comparative merits to be decided by a committee to be appointed by each State Agricultural Association; said premium to be known as "The American Jersey Cattle Club Prize," and shall be in addition to prizes offered by each State Agricultural Association. The benefit of this resolution also to apply to the Dominion Exhibition of Canada, to be held at Toronto.

## **CLASS B—Horses, Jacks and Mules.**

**E. C. LEWIS, Superintendent—Speed and Light Horses.**

**DAVID GORE, Superintendent—Heavy Horses.**

1. Protests designed to affect awards must be made by an interested party and notice given to the Superintendent of Department before the examination of the protested animal by the Awarding Committee is concluded and a written statement, setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the animal is exhibited. Provided, that protests will be entertained at any time thereafter, previous to, or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the Awarding Committee at the Fair.

In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter.

In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all obtainable evidence, shall be presented on the final consideration of the question at issue.

In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any frauds which may have been consummated or attempted, and to deal with any party or parties implicated therein, in such manner within the scope of the power of the Board as may from the evidence relating thereto be deemed just and proper.

2. The same animal, being otherwise eligible under the rules, may be entered and shown as one of a pair, and in sweepstakes in his or her class, but shall not otherwise be entered in more than one lot, except Lot 38.

3. All horses must have been owned by the party in whose name they were exhibited for at least thirty days before exhibition.

4. The ages of horses and foals, except in lots for draft breeds, will be reckoned from January 1st, and in case of draft breeds the age shall be reckoned from date of birth. All foals, except in lots for draft breeds, will be considered one year old on the first of January succeeding birth.

5. All awards shall be made by ballot, and without consultation. Awarding Committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the animals voted for shall receive the premium.

6. The Superintendent shall exclude stock from competition should there be any unnecessary or embarrassing delay on the part of exhibitors in bringing animals into the show ring.

7. Pedigrees of horses, in all cases, must be traceable to the American or foreign Stud Books for the particular breeds to which they belong.

8. All animals entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.

9. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.

10. Animals cannot be removed until the close of the Fair, except animals affected by disease; and in such cases only upon the written permission of the President.

The Superintendent of Forage and Stalls will furnish exhibitors of horses with tickets permitting their assistants to remain on the grounds; but such tickets will not entitle the holder to admission at the gates. Stalls will be assigned by the Superintendent of Stalls upon the certificate of the Secretary that the fees therefor have been paid. Application for stalls should be filed with the Secretary prior to September 17, 1887, and be accompanied with the following fees: For each box stall, \$2.00; for each open stall, \$1.00.



## LOT 28<sup>1</sup>/<sub>2</sub>—STANDARD TROTTERS.

The requirements of this standard, as established by the National Association of Trotting Horse Breeders, are as follows:

FIRST—Any stallion that has a record of two minutes and thirty seconds (2:30) or better; PROVIDED, any of his get has a record of 2:40 or better; or PROVIDED, his sire or his dam, his grandsire or his granddam, is already a standard animal.

SECOND—Any mare or gelding that has a record of 2:30 or better.

THIRD—Any horse that is the sire of two animals with a record of 2:30 or better.

FOURTH—Any horse that is the sire of one animal with a record of 2:30 or better; PROVIDED he has any of the following additional qualifications:

1—A record himself of 2:40 or better.

2—Is the sire of two other animals with a record of 2:40 or better.

3—Has a sire or dam, grandsire or granddam, that is already a standard animal.

FIFTH—Any mare that has produced an animal with a record of 2:30 or better.

SIXTH—The progeny of a standard horse when out of a standard mare.

SEVENTH—The progeny of a standard horse out of a mare by a standard horse.

EIGHTH—The progeny of a standard horse when out of a mare whose dam is a standard mare.

NINTH—Any mare that has a record of 2:40 or better, whose sire or dam, grand-sire or granddam, is a standard animal.

TENTH—A record to wagon of 2:35 or better shall be regarded as equal to a 2:30 record.

### STALLIONS.

110 <sup>1</sup> / <sub>2</sub>	Best Stallion, 4 years old or over.....	\$20 00
	Second best.....	10 00
111 <sup>1</sup> / <sub>2</sub>	Best Stallion, 3 years old and under 4.....	20 00
	Second best.....	10 00
112 <sup>1</sup> / <sub>2</sub>	Best Stallion, 2 years old and under 3.....	15 00
	Second best.....	10 00
113 <sup>1</sup> / <sub>2</sub>	Best Stallion, 1 year old and under 2.....	15 00
	Second best.....	10 00
114 <sup>1</sup> / <sub>2</sub>	Best Stallion Colt, under 1 year old.....	15 00
	Second best.....	10 00

### MARES.

115 <sup>1</sup> / <sub>2</sub>	Best Mare, 4 years old or over.....	20 00
	Second best.....	10 00
116 <sup>1</sup> / <sub>2</sub>	Best Mare, 3 years old and under 4.....	20 00
	Second best.....	10 00
117 <sup>1</sup> / <sub>2</sub>	Best Mare, 2 years old and under 3.....	15 00
	Second best.....	10 00
118 <sup>1</sup> / <sub>2</sub>	Best Mare, 1 year old and under 2.....	15 00
	Second best.....	10 00
119 <sup>1</sup> / <sub>2</sub>	Best Mare Colt, under 1 year old.....	15 00
	Second best.....	10 00

**CLASS B—Horses.**

E. C. LEWIS, Superintendent.

**SPEED AND LIGHT HORSES.****Lot 25—Thoroughbred.****STALLIONS.**

96	Best Stallion 4 years old or over ....	\$ 20 00
	Second best .....	10 00
97	Best Stallion 3 years old and under 4 ..	20 00
	Second best .....	10 00
98	Best Stallion 2 years old and under 3 ..	15 00
	Second best .....	10 00
99	Best Stallion 1 year old and under 2 ..	15 00
	Second best .....	10 00
100	Best Stallion Colt under 1 year old ..	15 00
	Second best .....	10 00

**MARES.**

101	Best Mare 4 years old or over .....	20 00
	Second best .....	10 00
102	Best Mare 3 years old and under 4 ..	20 00
	Second best .....	10 00
103	Best Mare 2 years old and under 3 ..	15 00
	Second best .....	10 00
104	Best Mare 1 year old and under 2 ..	15 00
	Second best .....	10 00
105	Best Mare Colt under 1 year old .....	15 00
	Second best .....	10 00

**BREEDING RINGS.**

106	Best two Colts of either sex under 4 years of age, to be shown with their dam .....	50 00
107	Best five Colts of either sex under 4 years of age, to be shown with their sire .....	75 00

**Lot 26—Thoroughbred—Sweepstakes.**

108	Best Stallion of any age .....	\$75 00
109	Best Mare of any age .....	50 00

**Lot 27—Roadsters.**

Speed, form and style in action shall be considered in deciding awards.

Animals over two years old to be shown to harness.

**STALLIONS.**

110	Best Stallion 4 years old or over ....	\$20 00
	Second best .....	10 00
111	Best Stallion 3 years old and under 4 ..	20 00
	Second best .....	10 00
112	Best Stallion 2 years old and under 3 ..	15 00
	Second best .....	10 00
113	Best Stallion 1 year old and under 2 ..	15 00
	Second best .....	10 00
114	Best Stallion Colt under 1 year old ..	15 00
	Second best .....	10 00

**MARES.**

115	Best Mare 4 years old or over .....	\$20 00
	Second best .....	10 00
116	Best Mare 3 years old and under 4 ..	20 00
	Second best .....	10 00
117	Best Mare 2 years old and under 3 ..	15 00
	Second best .....	10 00
118	Best Mare 1 year old and under 2 ..	15 00
	Second best .....	10 00
119	Best Mare Colt under 1 year old ..	15 00
	Second best .....	10 00

**BREEDING RINGS.**

120	Best two Colts of either sex under 4 years of age, to be shown with dam .....	50 00
121	Best five Colts of either sex under 4 years of age, to be shown with their sire .....	75 00

**Lot 28—Roadsters—Sweepstakes.**

Style, action and speed to be the test.

122	Best Stallion of any age .....	\$75 00
123	Best Mare of any age .....	50 00

**Lot 29—Cleveland Bay.****STALLIONS.**

124	Best Stallion 4 years old or over ....	\$20 00
	Second best .....	10 00
125	Best Stallion 3 years old and under 4 ..	20 00
	Second best .....	10 00
126	Best Stallion 2 years old and under 3 ..	15 00
	Second best .....	10 00
127	Best Stallion 1 year old and under 2 ..	15 00
	Second best .....	10 00
128	Best Stallion Colt under 1 year old ..	15 00
	Second best .....	10 00

**MARES.**

129	Best Mare 4 years old or over .....	20 00
	Second best .....	10 00
130	Best Mare 3 years old and under 4 ..	20 00
	Second best .....	10 00
131	Best Mare 2 years old and under 3 ..	15 00
	Second best .....	10 00
132	Best Mare 1 year old and under 2 ..	15 00
	Second best .....	10 00
133	Best Mare Colt under 1 year old ..	15 00
	Second best .....	10 00

**BREEDING RINGS.**

134	Best two Colts of either sex under 4 years of age, to be shown with their dam .....	50 00
135	Best five Colts of either sex under 4 years of age, to be shown with their sire .....	75 00



**Lot 30—Cleveland Bay—Sweepstakes.**

136	Best Stallion of any age.....	\$75 00
137	Best Mare of any age.....	50 00

**Lot 31—Carriage or Coach.**

(Other than Cleveland Bay.)

Form and style in action shall be considered in deciding awards.

Animals over two years old to be shown to harness.

**STALLIONS.**

138	Best Stallion 4 years old or over ....	\$20 00
	Second best.....	10 00
139	Best Stallion 3 years old and under 4	20 00
	Second best.....	10 00
140	Best Stallion 2 years old and under 3	15 00
	Second best.....	10 00
141	Best Stallion 1 year old and under 2.	15 00
	Second best.....	10 00
142	Best Stallion Colt under 1 year old..	15 00
	Second best.....	10 00

**MARES.**

143	Best Mare 4 years old or over .....	20 00
	Second best.....	10 00
144	Best Mare 3 years old and under 4..	20 00
	Second best.....	10 00
145	Best Mare 2 years old and under 3 ..	15 00
	Second best.....	10 00
146	Best Mare 1 year old and under 2 ...	15 00
	Second best.....	10 00
147	Best Mare Colt under 1 year old ....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

148	Best two Colts of either sex under 4 years of age, to be shown with dam .....	50 00
149	Best five Colts of either sex under 4 years of age, to be shown with their sire .....	75 00

**Lot 32—Carriage or Coach—Sweepstakes.**

(Other than Cleveland Bay.)

Form and style in action shall be considered in deciding awards.

150	Best Stallion of any age.....	\$75 00
151	Best Mare of any age.....	50 00

**Lot 33—Saddle Horses.**

(To be exhibited under the Saddle.)

**STALLIONS.**

152	Best Saddle Stallion 4 years old or over.....	\$20 00
	Second best.....	10 00
153	Best Saddle Stallion 3 and under 4 years old.....	20 00
	Second best.....	10 00
154	Best Saddle Stallion 2 and under 3 years old.....	20 00
	Second best.....	10 00

**MARES.**

155	Best Saddle Mare 4 years old or over..	\$20 00
	Second best.....	10 00
156	Best Saddle Mare 3 and under 4 years old.....	20 00
	Second best.....	10 00
157	Best Saddle Mare 2 and under 3 years old.....	20 00
	Second best.....	10 00

**SWEEPSTAKES.**

158	Best Saddle Gelding.....	40 00
159	Best Saddle Mare .....	40 00
160	Best Saddle Stallion .....	50 00

**BREEDING RINGS.**

161	Best five Colts of either sex under 4 years of age, to be shown with their sire.....	75 00
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**Lot 34—Carriage Horses.**

162	Best Carriage Team—shown to earriage or other vehicle.....	\$40 00
	Second best.....	20 00
163	Best Family Mare—to be driven to a buggy.....	20 00
	Second best.....	10 00
163½	Best Family Gelding — driven to buggy.....	15 00
	Second best. ....	10 00

**Lot 35—Gentlemen's Driving Horses.**

The committee, in making awards, will consider size, style, carriage, speed and other requisites that make up the highest type of a gentleman's driving horse.

164	Best pair of Mares—to pole.....	\$100 00
	Second best.....	50 00
165	Best pair of Geldings—to pole.....	100 00
	Second best.....	50 00
166	Best single Mare—to harness.....	50 00
	Second best.....	25 00
167	Best single Gelding—to harness.....	50 00
	Second best.....	25 00

**Lot 36—Equestrianism.****BOYS' RIDING.**

To boy not over 14 years old, displaying the best horsemanship in the saddle:

168	1st premium... ..	\$10 00
	2d " .....	5 00
	3d " .....	3 00
	4th " .....	2 00
	5th " .....	1 00

**Lot 37—Ponies.**

Under 14 hands.

169	Best Stallion.....	\$20 00
	Second best.....	10 00
170	Best Mare.....	20 00
	Second best.....	10 00



## LOT 38—SPEED PREMIUMS.

E. C. LEWIS, Superintendent.

The Illinois State Board of Agriculture announces the following Stakes for 1887 to be competed for during the Illinois State Fair, at Olney, September 24 to 30, 1887.

Entries close May 1, 1887. Entrance \$25 for each stake, \$5 forfeit to accompany nomination on or before May 1, 1887, \$5 forfeit to be paid on or before Wednesday, June 15, 1887, the balance (\$15) payable by owners of "starters" on or before Thursday, September 15, 1887; unless four entries are made good on or before Thursday, September 15, 1887, the Board reserves the privilege of declaring such race off.

The rules of the Board as advertised in the premium list to govern all contests of speed.

To the owner of the sire whose get shall make the best average performance in the races for trotting foals, \$500 and the grand gold medal of the Illinois State Board of Agriculture, the actual cost of which shall be \$200. The title to which medal shall be successfully defended at the Illinois State Fair for two succeeding years. The exhibition of the sires entered for the premium and grand gold medal is desired but will not be essential to the award.

Full pedigree and description of the competing sires must accompany the entries for the premium and medal.

Name and residence of owner, as well as of the party making the entry, must be given, and owners must furnish at the time of making entry the name, age, color, pedigree and sex of the horse entered.

The rules of the National Trotting Association will be observed in trotting, and running races will be conducted under the rules of the American Racing Association as far as they apply.

The application of the rules and the determination of all questions arising in these contests is reserved to the Superintendent of the Speed Department, whose decisions shall be final except in such cases as he may refer to the Board.

Amount of forfeit entrance and stake to be divided as follows: First 50 per cent., second 25 per cent., third 15 per cent., fourth 10 per cent.

The Board reserves the right to fix or change dates of races in case of unfavorable weather or other sufficient cause.

### 171—Grand Gold Medal and \$500.

To the owner of the sire whose get shall make the best average performance in the races for trotting foals, \$500 and the grand gold medal of the Illinois State Board of Agriculture, the actual cost of which shall be \$200. The title to which medal shall be successfully defended at the Illinois State Fair for two succeeding years.

Closed with the following nominations.

Caton Stock Farm, Joliet, Ill. Don Cossack, b s, by August Belmont, dam, Latham Lass.

Clark, Walter, Battle Creek, Mich. Pilot Medium, gr s, by Happy Medium 400, dam, Tackey.

Dorsey, L. L., Middletown, Ky. Zilcaadi Golddust, ch s, by Golddust, dam, Rosalind.

Emery, C. F., Cleveland, O. Hermes, br s, by Harold, dam, Hermosa.

Emery, C. F., Cleveland, O. Nugget, ch s, by Wedgewood, dam, Minerva.

Emery, C. F., Cleveland, O. Pancoast, b s, by Woodford Mambrino, dam, Bicara.

Moore, T. E., Shawhan, Ky. Victor Von Bismarck, b s, by Rysdyk's Hambletonian, dam, Hattie Wood.

Pepper, R. P., Frankfort, Ky. Onward, b s, by Geo. Wilkes, dam, Dolly.

Sharpe, August, Louisville, Ky. Earle 2474, b s, by Princeps, dam, Juno.

Thornton, W. W., Shelbyville, Ill. Joe Logan, b s, by Wineman's Logan, dam, — by Ethan Allen.



# Grand Gold Medal.

THE ILLINOIS STATE BOARD OF AGRICULTURE offers to the owner of the sire whose get shall make the best average performance in the races for trotting foals, \$500.00, and the grand gold medal of the Board, the actual cost of which shall be \$200.00, the title to which medal shall be successfully defended at the Illinois State Fair for two succeeding years. The exhibition of the sires entered for the premium and grand gold medal is desired, but will not be essential to the award.

The following will give an idea of the design of the face and back of the medal, and the size.



### 172—Trotting Stake \$250.

For foals of 1882, to be trotted Thursday, Sept. 29, 1887, mile heats, best three in five to harness. Closed May 1, 1887, with the following nominations:

Brown, S. A., Kalamazoo, Mich. Emulation, ch m, by Onward, dam,———by Santa Claus.

Caton Stock Farm, Joliet, Ill. Cossack Maid, b m, by Don Cossack, dam,———

Caton Stock Farm, Joliet, Ill. Jeannette, b m, by Don Cossack, dam,———by Bashaw Drury.

Clark, Walter, Battle Creek, Mich. Knight, blk g, by Pilot Medium, dam,———by Magna Charta.

Conklyn, J. H., Urbana, O. Civilization, blk s, by J. H. Welch, dam, Shirley.

Dorsey, R. O., Louisville, Ky. Sarah G., b m, by Zilcaadi Golddust, dam,———by Peacock.

Emery, C. F., Cleveland, O. Patron, br s, by Pancoast, dam,———by Cuyler.

Leslie, Dr. J., Elwin, Ill. Country Boy, br g, by Regalia, dam, Belle.

Sharpe, August, Louisville, Ky. Guitar, b m, by Princeps, dam, Trio.

Sharpe, August, Louisville, Ky. Greenlander, br s, by Principe, dam, Juno.

Sturtevant, Geo. F., Bradford, Ill. J. R. Shedd, b s, by Red Wilkes, dam, Belle Euckson.

### 173—Trotting Stake \$250.

For foals of 1883, to be trotted Wednesday, Sept. 28, 1887, mile heats, best three in five to harness. Closed May 1, 1887, with the following nominations:

Brenneman, D. W. & Bro., Decatur, Ill. Wayne Wilson, ch s, by Stoneboy, dam, Fairy.

Browne, S. A. & Co., Kalamazoo, Mich. Strategist, ch s, by Grand Sentinel, dam, Peru Belle.

Budd, H. B., Bunker Hill, Ill. Goldwood by Rockwood, dam, Bouncing Bet.

Caton Stock Farm, Joliet, Ill. Sarah Cossack, b m, by Don Cossack, dam,———by Almont.

Caton Stock Farm, Joliet, Ill. Lady Cossack, b m, by Don Cossack, dam,———by Almont.

Clark, Walter, Battle Creek, Mich. Jack, by Pilot Medium, dam,———by Magna Charta.

Dorsey, L. L., Louisville, Ky. Hendricks, ch s, by Zilcaadi Golddust, dam, Dinah.

Dorsey, L. L., Louisville, Ky. Cleveland, b s, by Zilcaadi Golddust, dam, Rosa.

Dorsey, L. L., Louisville, Ky. Estelle, b m, by Zilcaadi Golddust, dam, Florence.

Emery, C. F., Cleveland, O. Houri, blk m, by Hermes, dam,———by S. A. Douglas.

Emery, C. F., Cleveland, O. Nettle Leaf, b m, by Nugget, dam,———by Geo. Wilkes.

Fitzgerald, J. W., Maysville, Ky. Alcandrie b s, by Alcyone, dam, Lady Carr.

Flaughner, L. E., Maysville, Ky. Pearl Medium, b m, by Happy Medium, dam, Gentle Breeze.

Moore, Thos. S., Shawhan, Ky. Hambletonian, b s, by Victor Von Bismarck, dam, Jennie Wallace.

Sharpe, August, Louisville, Ky. Nutwood, Jr., b s, by Nutwood, dam,———by Princeps.

Thornton, W. W., Shelbyville, Ill. Puss Logan, b m, by Joe Logan, dam, Puss.

### 174—Trotting Stake \$250.

For foals of 1884, to be trotted Tuesday, Sept. 27, 1887, mile heats, best three in five, to harness. Closed May 1, 1887, with the following nominations:

Barnes, A. G., Taylorville, Ill. Congress, b s, by Egbert, dam, Circeon.

Brenneman, D. W. & Bro., Decatur, Ill. Anderson Wilkes, b s, by Onward, dam, Magnet.

Browne, S. A., Kalamazoo, Mich. Eminence, b f, by Empire, dam, Soprano.

Cahill, David, Lexington, Ky. Kate Cahill, b f, by Hambletonian, dam, Lilly C.

Castle, Geo. J., Carlinville, Ill. Billy H., b g, by Mambrino Dick, dam, Dolly.

Caton Stock Farm, Joliet, Ill. Bashaw Cossack, b s, by Don Cossack, dam,———

Caton Stock Farm, Joliet, Ill. King Cossack, b s, by Don Cossack, dam,———



- Caton Stock Farm, Joliet, Ill. Cossack Lass, b f, by Don Cossack, dam, ——— by Woodford Mambrino.
- Caton Stock Farm, Joliet, Ill. Sally Cossack, b f, by Don Cossack, dam, ———
- Caton, Frank, Randall, O. Georgie See, b f, by Abdallah Messenger Jr., dam, Abdallah.
- Clark, Walter, Battle Creek, Mich. Georgie, b f, by Pilot Medium.
- Crumbaugh, J. E., Leroy, Ill. Delmar, s, by Mambrino.
- Dillon, M., Randall, Ohio. Ingot, b s, by Nugget, dam, ——— by New York.
- Dorsey, L. L., Louisville, Ky. Orlena, br s, by Zilcaadi Golddust, dam, Morgan Mare.
- Dorsey, L. L., Louisville, Ky. Corrinne, br f, by Zilcaadi Golddust, dam, Florence.
- Emery, C. F., Cleveland, O. Minaret, b f, by Monaco, dam, ——— by Mambrino.
- Emery, C. F., Cleveland, O. Hech o' Thirft, br s, by Hermes, dam, ——— by Mambrino Patchen.
- Flood, Thos. S., Elmira, N. Y. Mamie Wood, br f, by Wood's Hambletonian, dam, Mary Ann.
- Moore, S. P., Shawhan, Ky. Bismarck Mambrino, b s, by Victor Von Bismarck.
- Owens, J. C., Maysville, Ky. Limestone, b g, by The King, dam, ——— by Marshall.
- Pepper, R. P., Frankfort, Ky. Mortor, b s, by Onward, dam, Griselda.
- Pepper, R. P., Frankfort, Ky. Dessie Wingate, b f, by Onward, dam, Nora.
- Pepper, R. P., Frankfort, Ky. Houri, br f, by Onward, dam, Jessie Turner.
- Pepper, R. P., Frankfort, Ky. Linnette, b f, by Onward, dam, Jessie.
- Sharpe, Aug., Louisville, Ky. Lilly Hughes, ch f, by Earl, dam, Susie.
- Sims, John, Virden, Ill. Sir Thomas, b s, by Lambertus, dam, Lady Herbert.
- Thornton, W. W., Shelbyville, Ill. Ross Logan, b g, by Joe Logan, dam, Puss.

### 175—Trotting Stake \$250.

For foals of 1885, to be trotted Monday, Sept. 26, 1887, mile heats, best two in three to harness. Closed May 1, 1887, with the following nominations:

- Browne, S. A., Kalamazoo, Mich. Bell Boy, br s, by Electioneer, dam, Beautiful Bells.
- Calf, H. R. & Co., Monticello, Ill. Jackson, s, by Mambrino Patchen, dam, ——— by Administrator.
- Calf, H. R. & Co., Monticello, Ill. Willie Wilson, b s, by Wilson, dam, ——— by Strathmore.
- Caton Stock Farm, Joliet, Ill. Woodcock, b s, by Woodcraft, dam, ——— by Harold.
- Caton Stock Farm, Joliet, Ill. Rosa Cossack, b f, by Don Cossack, dam, ——— by Profit (simo).
- Clark, Walter, Battle Creek, Mich. Girflue, by Pilot Medium, dam, ———
- Dixon, Robt., Henderson, Ky. Black Knight, blk s, by Principe, dam, Corbean.
- Dorsey, L. L., Louisville, Ky. Lizzie Mack, ch f, by Nutwood, dam, Lucina.
- Dorsey, R. O., Louisville, Ky. Tit Willow, b s, by Zilcaadi Golddust, dam, Belle.
- Emery, C. F., Cleveland, O. Holmdel, br s, by Hermes, dam, ——— by Peacemaker.
- Emery, C. F., Cleveland, O. Wedding Bell, b f, by Nutwood, dam, ——— by Hambletonian.
- Flood, Thos. S., Elmira, N. Y. Nellie Mayo, b f, by Pocahontas Abdallah, dam, Jennie F.
- Freas, H. M., Milledgeville, Ill. Darkness, br f, by Prestage, dam, Charm of West.
- Galt, E. H., Sterling, Ill. Pandora, gr f, by Comet, dam, Emma Abbott.
- Kimbell, W. B., Cherry Valley, Ill. Celtic, ch s, by General Grant, dam, Lady Fellows.
- Moore, J. S., Shawhan, Ky. Bourbon Bismarck, b s, by Victor Von Bismarck, dam, Jennie Wallace.
- Moore, S. P., Shawhan, Ky. Bismarck Wilkes, b s, by Victor Von Bismarck, dam, Mattie Wilkes.
- Pepper, R. P., Frankfort, Ky. Tangent, b s, by Onward, dam, Fanchon.
- Pepper, R. P., Frankfort, Ky. Ormolu, b f, by Onward, dam, Patti.
- Roeder, W. F., Cleveland, O. Isis, b f, by Hermes, dam, Dillie Homer.
- Scales, Y. D., Virginia, Ill. Carrie Strawn, br f, by Strawn, dam, Lillie Moore.



Sharpe, August, Lexington, Ky. Pitti Sing, b f, by Electioneer, dam, Susie.  
 Sharpe, August, Lexington, Ky. Marvelaux, br f, by Earl 2474, dam, Flora T.  
 Sharpe, August, Lexington, Ky. Rhadames, bf, by Earl 2474, dam, Helen Walker.  
 Sharpe, August, Lexington, Ky. Earls Lassie, b f, by Earl 2474, dam, Flora.  
 Sharpe, August, Lexington, Ky. Idavan, b s, by Earl 2474, dam, Metta.  
 Shepherd, I. N., Paris, Ill. Edgar Wilkes, b s, by Ethan Wilkes, dam, Callie T.  
 Stryker, J. V., Jerseyville, Ill. Diplomacy, b f, by Don Cossack, dam, ———  
 Thornton, W. W., Shelbyville, Ill. Nettie Logan, g f, by Joe Logan, dam, Grey  
 Lucy.  
 Warner, Ray, Coldwater, Mich. Jacquette, b f, by Masterlode, dam, Fanny.

### 176—Trotting Stake \$250.

Free for all stallions with record better than three minutes. Race did not fill.

### 177—Trotting Stake \$250.

For stallions over six years old, eligible to three minute class, to be trotted Tuesday, Sept. 27, 1887. Closed June 15, 1887, with the following nominations:

Green, L. W., Indianola, Ill. St. James, br s, by Diamond, dam, ——— by Young St. Lawrence.

Hill, Ira A., Chicago, Ill. Royal Bashaw, b s, by McElroy, dam, Maggie K., by Greene Bashaw.

Stribling & Son, Virginia, Ill. Prospect King, ch s, by Mambrino King, dam, Maggie Marshall.

Stryker, J. V., Jerseyville, Ill. Lawrence, b s, by Kentucky Prince, dam, Rowena, by Rysdyk's Hambletonian.

Thornton, W. W., Shelbyville, Ill. Jo Logan, b s., by Wineman's Logan, dam, ——— by Drury's Ethan Allen.

Wilkin, William, Cambridge, O. Captain Stone, blk s, by Legion, dam, Lizzie by Flying Cloud.

### 178—Running Stake \$250.

For foals of 1885, to be run on Thursday, Sept. 29, 1887, heats, half-mile and repeat. Closed May 1, 1887, with the following nominations:

Clark, W. H., Volga City, Iowa. Emma Bond, b m, by Ansel, dam, Fanny Belle.

Hiniman, W. B., Wadena, Iowa. W. B., blk g, by Ansel, dam, Belle Mahone.

Huber, L. A., Pleasant Plains, Ill. Miss Henry, ch f, by Big Henry, dam, Flora Leach.

Ivey, Jno. J., Little York, Ill. Beaunette, b f, by Bob Burdette.

Ivey, Jno. J., Little York, Ill. Answer, b s, by Respond.

Simpson, T. L., Palmer, Ill. Stump, b s, by Storey, dam, Piety.

Streves, S. C., Argenta, Ill. Lillie S., b f, by Salivator, dam, ———

Warren, Phil., Springfield, Ill. Sallie Warren, b f, by Dakota, dam, Lillie.

### 179—Running Stake \$250.

For foals of 1884 or over, mile and repeat, weight for ages, to be run on Friday, September 30, 1887. Closed May 1, 1887, with the following nominations:

Hall, James, Loami, Ill. Ravlin, b s, by Voltegeur, dam, Rosenell, by Barney Williams.

Huber, L. A., Pleasant Plains, Ill. Lyon Lady, ch m, by Leveler, dam, Ora.

Ivey, Jno. J., Little York, Ill. Nick Fullerton, br g, by Leadon.

Ivey, Jno. J., Little York, Ill. Easter, c f, by Thunderstorm, dam, Limit.

Streves, S. C., Argenta, Ill. Allie, b m, by Earnest, dam, Beddel.



**CLASS B—Horses.****DAVID GORE, Superintendent.****HEAVY HORSES.****Lot 39—French Draft.**

(Full Blood.)

**STALLIONS.**

178	Best Stallion 4 years old or over....	\$ 20 00
	Second best.....	10 00
179	Best Stallion 3 years old and under 4	20 00
	Second best.....	10 00
180	Best Stallion 2 years old and under 3	15 00
	Second best.....	10 00
181	Best Stallion 1 year old and under 2.	15 00
	Second best.....	10 00
182	Best Stallion Colt under 1 year old.	15 00
	Second best.....	10 00

**MARES.**

183	Best Mare 4 years old or over. ....	20 00
	Second best.....	10 00
184	Best Mare 3 years old and under 4..	20 00
	Second best.....	10 00
185	Best Mare 2 years old and under 3..	15 00
	Second best.....	10 00
186	Best Mare 1 year old and under 2	15 00
	Second best.....	10 00
187	Best Mare Colt under 1 year old....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

188	Best two Colts of either sex under 4 years of age, to be shown with their dam.....	50 00
189	Best five Colts of either sex under 4 years of age, to be shown with their sire .....	75 00

**Lot 40—French Draft—Sweepstakes.**

(Full Blood.)

190	Best Stallion of any age.....	\$75 00
191	Best Mare of any age.....	50 00

**Lot 41—Percheron.**

(Full Blood.)

192	Best Stallion 4 years old or over ....	\$ 20 00
	Second best .....	10 00
193	Best Stallion 3 years old and under 4	20 00
	Second best.....	10 00
194	Best Stallion 2 years old and under 3	15 00
	Second best.....	10 00
195	Best Stallion 1 year old and under 2	15 00
	Second best.....	10 00
196	Best Stallion Colt under 1 year old..	15 00
	Second best.....	10 00

**MARES.**

197	Best Mare 4 years old or over .....	20 00
	Second best.....	10 00
198	Best Mare 3 years old and under 4..	20 00
	Second best.....	10 00

199	Best Mare 2 years old and under 3..	\$15 00
	Second best.....	10 00
200	Best Mare 1 year old and under 2 ...	15 00
	Second best.....	10 00
201	Best Mare Colt under 1 year old ....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

202	Best two Colts of either sex under 4 years of age, to be shown with their dam.....	50 00
203	Best five Colts of either sex under 4 years of age, to be shown with their sire .....	75 00

**Lot 42—Percheron—Sweepstakes.**

(Full Blood.)

204	Best Stallion of any age.....	\$75 00
205	Best Mare of any age.....	50 00

**Lot 43—Belgian.**

(Full Blood.)

206	Best Stallion 4 years old or over ....	\$20 00
	Second best.....	10 00
207	Best Stallion 3 years old and under 4	20 00
	Second best.....	10 00
208	Best Stallion 2 years old and under 3	15 00
	Second best.....	10 00
209	Best Stallion 1 year old and under 2.	15 00
	Second best.....	10 00
210	Best Stallion Colt under 1 year old.	15 00
	Second best.....	10 00

**MARES.**

211	Best Mare 4 years old or over .....	20 00
	Second best.....	10 00
212	Best Mare 3 years old and under 4..	20 00
	Second best.....	10 00
213	Best Mare 2 years old and under 3..	15 00
	Second best.....	10 00
214	Best Mare 1 year old and under 2...	15 00
	Second best.....	10 00
215	Best Mare Colt under 1 year old ....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

216	Best two Colts of either sex under 4 years of age, to be shown with their dam.....	50 00
217	Best five Colts of either sex under 4 years of age, to be shown with their sire .....	75 00

**Lot 44—Belgian—Sweepstakes.**

(Full Blood.)

218	Best Stallion of any age.....	\$75 00
219	Best Mare of any age.....	50 00

**Lot 45—Clydesdale.**

(Full Blood.)

**STALLIONS.**

220	Best Stallion 4 years old or over.....	\$20 00
	Second best.....	10 00
221	Best Stallion 3 years old or under 4..	20 00
	Second best.....	10 00
222	Best Stallion 2 years old and under 3..	15 00
	Second best.....	10 00
223	Best Stallion 1 year old and under 2..	15 00
	Second best.....	10 00
224	Best Stallion Colt under 1 year old....	15 00
	Second best.....	10 00

**MARES.**

225	Best Mare 4 years old or over.....	20 00
	Second best.....	10 00
226	Best Mare 3 years old and under 4...	20 00
	Second best.....	10 00
227	Best Mare 2 years old and under 3...	15 00
	Second best.....	10 00
228	Best Mare 1 year old and under 2....	15 00
	Second best.....	10 00
229	Best Mare Colt under 1 year old.....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

230	Best two Colts of either sex, under 4 years of age, to be shown with their dam.....	50 00
231	Best five Colts of either sex, under 4 years of age, to be shown with their sire.....	75 00

**Lot 46—Clydesdale—Sweepstakes.**

(Full Blood.)

232	Best Stallion of any age.....	\$75 00
233	Best Mare of any age.....	50 00

**Lot 47—English Shire.**

(Full Blood.)

234	Best Stallion 4 years old or over.....	\$20 00
	Second best.....	10 00
235	Best Stallion 3 years old and under 4..	20 00
	Second best.....	10 00
236	Best Stallion 2 years old and under 3..	15 00
	Second best.....	10 00
237	Best Stallion 1 year old and under 2..	15 00
	Second best.....	10 00
238	Best Stallion Colt under 1 year old....	15 00
	Second best.....	10 00

**MARES.**

239	Best Mare 4 years old or over.....	20 00
	Second best.....	10 00
240	Best Mare 3 years old and under 4...	20 00
	Second best.....	10 00
241	Best Mare 2 years old and under 3...	15 00
	Second best.....	10 00
242	Best Mare 1 year old and under 2....	15 00
	Second best.....	10 00
243	Best Mare Colt under 1 year old.....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

244	Best two Colts of either sex under 4 years of age, to be shown with their dam.....	50 00
245	Best five Colts of either sex under 4 years of age, to be shown with their sire.....	75 00

**Lot 48—English Shire—Sweepstakes.**

(Full Blood.)

246	Best Stallion of any age.....	\$75 00
247	Best Mare of any age.....	50 00

**Lot 49—Grade Draft Horses.**

[Get of Full-Blood Sires—Imported Horses excluded.]

**STALLIONS.**

248	Best Stallion 4 years old or over.....	\$20 00
	Second best.....	10 00
249	Best Stallion 3 years old and under 4..	20 00
	Second best.....	10 00
250	Best Stallion 2 years old and under 3..	15 00
	Second best.....	10 00
251	Best Stallion 1 year old and under 2..	15 00
	Second best.....	10 00
252	Best Stallion Colt under 1 year old....	15 00
	Second best.....	10 00

**MARES.**

253	Best Mare 4 years old or over.....	20 00
	Second best.....	10 00
254	Best Mare 3 years old and under 4...	20 00
	Second best.....	10 00
255	Best Mare 2 years old and under 3...	15 00
	Second best.....	10 00
256	Best Mare 1 year old and under 2....	15 00
	Second best.....	10 00
257	Best Mare Colt under 1 year old.....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

258	Best two Colts of either sex under 4 years of age, to be shown with their dam.....	50 00
259	Best five Colts of either sex under 4 years of age, to be shown with their sire.....	75 00

**Lot 50—Grade Draft Horses—Sweepstakes.**

(Get of Full-Blood Sires—Imported Horses excluded.)

260	Best Stallion of any age.....	\$75 00
261	Best Mare of any age.....	50 00

**Lot 51—Horses for all Work.**

(Grade Draft Horses excluded.)

**STALLIONS.**

262	Best Stallion 4 years old or over ....	\$20 00
	Second best.....	10 00
263	Best Stallion 3 years old and under 4..	20 00
	Second best.....	10 00
264	Best Stallion 2 years old and under 3..	15 00
	Second best.....	10 00
265	Best Stallion 1 year old and under 2..	15 00
	Second best.....	10 00
266	Best Stallion Colt under 1 year old..	15 00
	Second best.....	10 00

**MARES.**

267	Best Mare 4 years old or over.....	20 00
	Second best.....	10 00
268	Best Mare 3 years old and under 4..	20 00
	Second best.....	10 00
269	Best Mare 2 years old and under 3..	15 00
	Second best.....	10 00
270	Best Mare 1 year old and under 2...	15 00
	Second best.....	10 00
271	Best Mare Colt under 1 year old ....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

272	Best two Colts of either sex under 4 years of age, to be shown with their dam.....	50 00
273	Best five Colts of either sex under 4 years of age, to be shown with their sire .....	75 00



**Lot 52—Horses of all Work—Sweepstakes.**

(Grade Draft Horses excluded.)

274	Best Stallion of any age.....	\$75 00
275	Best Mare of any age.....	50 00

**Lot 53—Jacks, Jennets and Mules.**

The Awarding Committee in Lots 53 and 54 are instructed to award no premiums to aged animals less than 14 hands high.

**JACKS.**

276	Best Jack 4 years old or over.....	\$20 00
	Second best.....	10 00
277	Best Jack 3 years old and under 4...	20 00
	Second best.....	10 00
278	Best Jack 2 years old and under 3...	15 00
	Second best.....	10 00
279	Best Jack 1 year old and under 2....	15 00
	Second best.....	10 00
280	Best Jack Colt under 1 year old.....	15 00
	Second best.....	10 00

**JENNETS.**

281	Best Jennet 3 years old or over .....	\$20 00
	Second best.....	10 00
282	Best Jennet 2 years old and under 3 ..	20 00
	Second best.....	10 00
283	Best Jennet 1 year old and under 2...	15 00
	Second best.....	10 00
284	Best Jennet Colt under 1 year old...	15 00
	Second best.....	10 00

**MULES.**

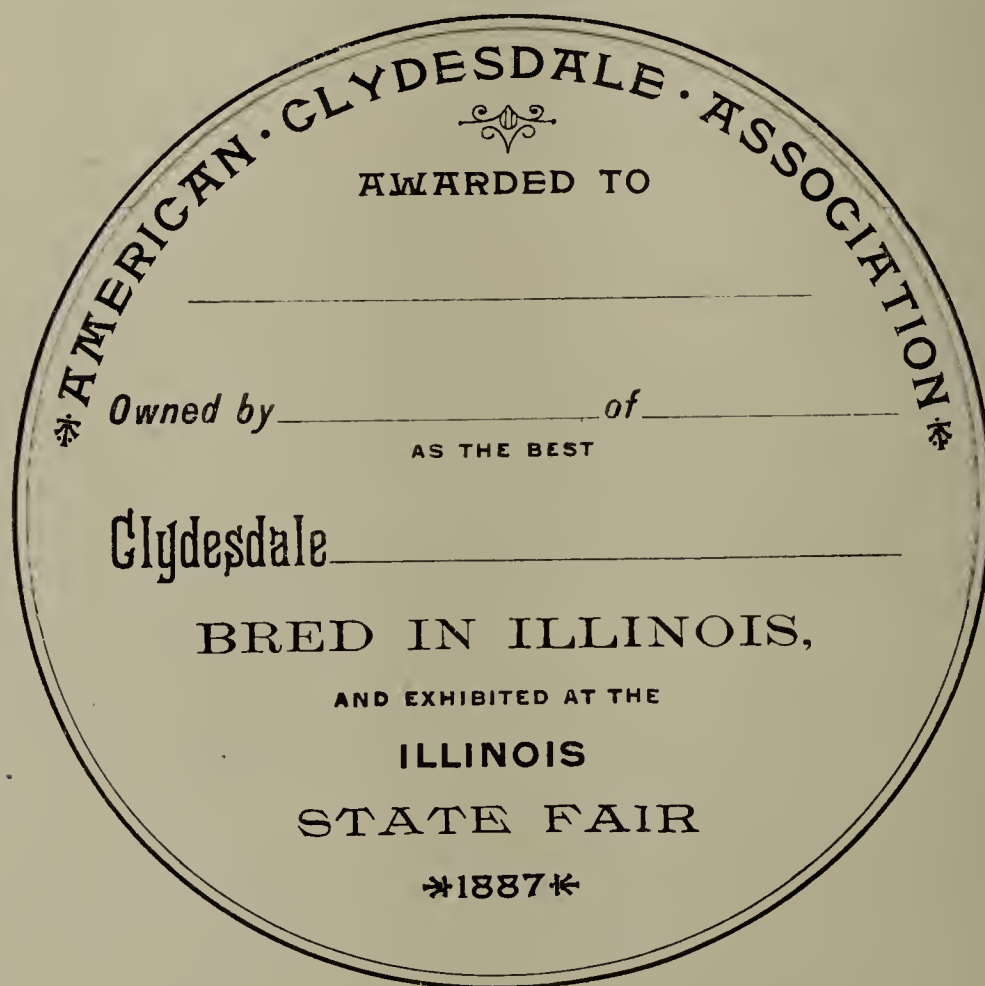
285	Best Mule 3 years old or over.....	15 00
	Second best.....	10 00
286	Best Mule 2 years old and under 3 ..	15 00
	Second best.....	10 00
287	Best Mule 1 year old and under 2....	15 00
	Second best.....	10 00
288	Best Mule Colt under 1 year old ....	10 00
	Second best.....	5 00

**Lot 54—Jacks and Jennets—Sweepstakes.**

289	Best Jack of any age, shown with not less than 3 of his get.....	\$50 00
290	Best Jennet of any age, to be shown with 2 of her colts .....	25 00
291	Best team of Mules 3 years old or over, to be shown to farm wagon .....	20 00
	Second best.....	10 00

# The American Clydesdale Association

Offers a Medal of pure coin silver to the owner of the best recorded Clydesdale Stallion; also, for the best recorded Clydesdale Mare bred in Illinois, and exhibited at the Illinois State Fair of 1887.



The Medal (above size) to be awarded by the Illinois State Board of Agriculture.

All competing animals to be recorded in the American Clydesdale Stud Book. For further particulars, address,

CHARLES F. MILLS, Secretary,  
SPRINGFIELD, ILLINOIS.



# The American Shire Horse Association

Offers a Medal of pure coin silver to the owner of the best recorded Shire Stallion; also, for the best recorded Shire Mare bred in Illinois, and exhibited at the Illinois State Fair of 1887.



The Medal (above size) to be awarded by the Illinois State Board of Agriculture.

All competing animals to be recorded in the American Shire Horse Stud Book. For further particulars, address,

CHAS. BURGESS, Secretary,

WENONA, ILLINOIS

# The American Percheron Horse Breeders' Association

Offers a Gold Medal to the owner of the best recorded Percheron Stallion, and another for the best recorded Percheron Mare exhibited at the Illinois State Fair, 1887.



The medal (above size) to be awarded by the Illinois State Board of Agriculture. All animals competing must be recorded in the American Percheron Stud Book. For any particulars respecting these prizes, address,

**S. D. THOMPSON,**

*Secretary American Percheron Horse Breeders' Association,  
WAYNE, DUPAGE COUNTY, ILLINOIS.*

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## The Societe Hippique Percheronne de France

Offers a Gold Medal for the best Percheron Stallion and five of his get, and another for the best Percheron Mare and two of her colts, to be awarded by the Illinois State Board of Agriculture, at the

### AMERICAN HORSE SHOW

to be held under the auspices of said Board, at Chicago, November, 1887.

All animals to be recorded in the Percheron Stud Book of America, and if imported, to be recorded in the Percheron Stud Book of France.

For any particulars, address,

**M. BOULLAY-CHAUMARD,**

*Secrétaire Societe Hippique Percheronne, NOGENT-LE-ROTHOU, FRANCE,*

\* ——— OR ——— \*

**S. D. THOMPSON,**

*Secretary American Percheron Horse Breeders' Association, WAYNE, ILL,*



## CLASS C—Sheep.

ALLAN C. RUSH, Superintendent.

1. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination of the protested animal by the Awarding Committee is concluded, and a written statement verified by affidavit, setting forth the reasons for protesting, must be filed with the Secretary on the day the animal is exhibited. Provided, that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the Awarding Committee.

In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

In all cases where protests are made at the Fair, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two or more years thereafter.

In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.

2. The Awarding Committees in Class C—Sheep, are expressly instructed that it is their duty in every case to require from each exhibitor, in lots for pure breeds, satisfactory evidence of purity of breeding, as claimed; and each committee, when awarding a premium in any such lot, will be understood to say by such award that, in their opinion, the animal receiving a premium is, beyond a reasonable doubt, purely bred as claimed. They are further instructed that if they shall have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of Class C, who shall immediately instruct the committee that such exhibitor is thenceforth excluded from competition at this Fair.

3. Stubble-shorn sheep and those with fleeces artificially colored will be excluded from competition.

4. All sheep must have been properly sheared on or after the first day of April, 1887.

5. All awards shall be made by ballot and without consultation. Awarding Committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or flocks voted for shall receive the premium.

6. The Superintendent shall exclude stock from competition should there be any unnecessary or embarrassing delay on the part of exhibitors in bringing animals into the show ring.

7. Pedigrees of sheep, in all cases must be traceable to the American or Foreign Records for the particular breeds to which they belong.

8. All animals entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.

9. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.

10. Awards will be made as rapidly as possible, and at such time as the Superintendent may designate.

11. Animals cannot be removed until the close of the Fair, except when affected by disease, and in such cases only upon the written permission of the President.

**CLASS C—Sheep.**

ALLAN C. RUSH, Superintendent.

**LONG WOOLS.****Lot 55—Cotswold.****RAMS.**

292	Best Ram 2 years old or over .....	15 00
	Second best.....	10 00
293	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
294	Best Ram Lamb under 1 year old....	10 00
	Second best.....	5 00

**EWES.**

295	Best Ewe 2 years old or over .....	15 00
	Second best.....	10 00
296	Best Ewe 1 year old and under 2 ....	15 00
	Second best.....	10 00
297	Best Ewe Lamb under 1 year old....	10 00
	Second best.....	5 00

**Sweepstakes.**

298	Best Ram of any age .....	20 00
299	Best Ewe of any age .....	20 00

**Lot 56—Leicester.****RAMS.**

300	Best Ram 2 years old or over.....	15 00
	Second best .....	10 00
301	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
302	Best Ram Lamb under 1 year old....	10 00
	Second best.....	5 00

**EWES.**

303	Best Ewe 2 years old or over.....	15 00
	Second best.....	10 00
304	Best Ewe 1 year old and under 2....	15 00
	Second best.....	10 00
305	Best Ewe Lamb under 1 year old....	10 00
	Second best.....	5 00

**Sweepstakes.**

306	Best Ram of any age .....	20 00
307	Best Ewe of any age.....	20 00

**Lot 57—Lincoln.****RAMS.**

308	Best Ram 2 years old or over.....	15 00
	Second best.....	10 00
309	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
310	Best Ram Lamb under 1 year old....	10 00
	Second best.....	5 00

**EWES.**

311	Best Ewe 2 years old or over.....	15 00
	Second best.....	10 00
312	Best Ewe 1 year old and under 2 ....	15 00
	Second best.....	10 00
313	Best Ewe Lamb under 1 year old....	10 00
	Second best.....	5 00

**Sweepstakes.**

314	Best Ram of any age .....	20 00
315	Best Ewe of any age .....	20 00

**Lot 58—Long Wool Sweepstakes.**

Open to all Pure Bred Long Wools.

316	Best Ram of any age .....	20 00
317	Best Ewe of any age.....	20 00
318	Best Ram and 5 Ewes over 2 years old .....	30 00
319	Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by exhibitor.....	30 00

**MIDDLE WOOLS.****Lot 59—Southdown.****RAMS.**

320	Best Ram 2 years old or over.....	15 00
	Second best.....	10 00
321	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
322	Best Ram Lamb under 1 year old....	10 00
	Second best.....	5 00

**EWES.**

323	Best Ewe 2 years old or over .....	15 00
	Second best.....	10 00
324	Best Ewe 1 year old and under 2....	15 00
	Second best.....	10 00
325	Best Ewe Lamb under 1 year old ...	10 00
	Second best.....	5 00

**Sweepstakes.**

326	Best Ram of any age ... ..	20 00
327	Best Ewe of any age.....	20 00

**Lot 60—Shropshire.****RAMS.**

328	Best Ram 2 years old or over.....	15 00
	Second best.....	10 00
329	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
330	Best Ram Lamb under 1 year old....	10 00
	Second best.....	5 00



## EWES.

331	Best Ewe 2 years old or over.....	\$15 00
	Second best.....	10 00
332	Best Ewe 1 year old and under 2 ....	15 00
	Second best.....	10 00
333	Best Ewe Lamb under 1 year old ...	10 00
	Second best.....	5 00

## Sweepstakes.

334	Best Ram of any age.....	20 00
335	Best Ewe of any age.....	20 00

## Lot 61—Hampshire.

## RAMS.

336	Best Ram 2 years old or over.....	15 00
	Second best.....	10 00
337	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
338	Best Ram Lamb under 1 year old ...	10 00
	Second best .....	5 00

## EWES.

339	Best Ewe 2 years old or over.....	15 00
	Second best.....	10 00
340	Best Ewe 1 year old and under 2 ....	15 00
	Second best.....	10 00
341	Best Ewe Lamb under 1 year old....	10 00
	Second best.....	5 00

## Sweepstakes.

342	Best Ram of any age.....	20 00
343	Best Ewe of any age.....	20 00

## Lot 62—Oxford.

## RAMS.

344	Best Ram 2 years old or over.....	15 00
	Second best.....	10 00
345	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
346	Best Ram Lamb under 1 year old....	10 00
	Second best.....	5 00

## EWES.

347	Best Ewe 2 years old or over.....	15 00
	Second best .....	10 00
348	Best Ewe 1 year old and under 2....	15 00
	Second best.....	10 00
349	Best Ewe Lamb under 1 year old....	10 00
	Second best.....	5 00

## Sweepstakes.

350	Best Ram of any age.....	20 00
351	Best Ewe of any age.....	20 00

## Lot 63—Middle Wool Sweepstakes.

Open to all Pure Bred Middle Wools.

352	Best Ram of any age.....	20 00
353	Best Ewe of any age.....	20 00
354	Best Ram and 5 Ewes over 2 years old .....	30 00

355	Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by exhibitor.....	\$30 00
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## FINE WOOLS.

## Lot 64—American Merino.

## RAMS.

356	Best Ram 2 years old or over.....	15 00
	Second best.....	10 00
357	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
358	Best Ram Lamb under 1 year old...	10 00
	Second best.....	5 00

## EWES.

359	Best Ewe 2 years old or over.....	15 00
	Second best.....	10 00
360	Best Ewe 1 year old and under 2 ....	15 00
	Second best.....	10 00
361	Best Ewe Lamb under 1 year old....	10 00
	Second best.....	5 00

## Sweepstakes.

362	Best Ram of any age.....	20 00
363	Best Ewe of any age .....	20 00

## Lot 65—French, Silesian and Saxony Merino.

## RAMS.

364	Best Ram 2 years old or over.....	15 00
	Second best.....	10 00
365	Best Ram 1 year old and under 2....	15 00
	Second best.....	10 00
366	Best Ram Lamb under 1 year old....	10 00
	Second best.....	5 00

## EWES.

367	Best Ewe 2 years old or over.....	15 00
	Second best.....	10 00
368	Best Ewe 1 year old and under 2....	15 00
	Second best.....	10 00
369	Best Ewe Lamb under 1 year old ...	10 00
	Second best.....	5 00

## Sweepstakes.

370	Best Ram of any age.....	20 00
371	Best Ewe of any age .....	20 00

## Lot 66—Fine Wool Sweepstakes.

Open to all Pure Bred Fine Wools.

372	Best Ram of any age.....	20 00
373	Best Ewe of any age.....	20 00
374	Best Ram and 5 Ewes over 2 years old .....	30 00
375	Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by the exhibitor.	30 00

LOT 67—SHEEP BREEDERS' PRIZES.

THREE SOLID SILVER GOBLETS

CONTRIBUTED BY

ILLINOIS STATE WOOL GROWERS' ASSOCIATION.

The State Wool Growers' Association offers THREE SILVER GOBLETS, costing FIFTY DOLLARS EACH, to be awarded upon the following conditions, viz:

1. All competing animals to be of recognized pure blood, and to have been bred by, and at the time of exhibition, remain the property of the exhibitor. Award will be made only in case of competition.
2. Each pen to be composed of animals of the same breeding.
3. The exhibitor to furnish, at the time of making entry, a written statement, giving as near as may be, the pedigree, age, weight, date and manner of shearing, and other important facts connected with the breeding and the management of the past year, of the animals exhibited by him. Such statement to be verified by affidavit of the exhibitor.
4. All competing animals to be sealed to the standard adopted by the State Wool Growers' Association, and the record so made to become a part of the report of the Examining Jury.
5. The party securing either of the prizes to hold it *in trust* until the opening day of the first succeeding Illinois State Fair, when it shall be placed in the hands of the President of the Illinois State Wool Growers' Association, to be again competed for. When taken the second time by any exhibitor the prize is to become his actual property.

LONG WOOLS.

Best Pen of 12 Pure Bred Sheep.....Silver Goblet, value \$50 00  
Pen to consist of 1 Ram and 5 Ewes 1 year old, 1 Ram and 5 Ewes under 1 year old.

MIDDLE WOOLS.

Best Pen of 12 Pure Bred Sheep.....Silver Goblet, value \$50 00  
Pen to consist of 1 Ram and 5 Ewes 1 year old, 1 Ram and 5 Ewes under 1 year old.

FINE WOOLS.

Best Pen of 16 Pure Bred Sheep.....Silver Goblet, value \$50 00  
Pen to consist of 1 Ram, any age, 5 Ewes 2 years old, 5 Ewes 1 year old, 5 Ewes under 1 year old.

CLASS D—Swine.

SIMON ELLIOTT, Superintendent.

1. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination of the protested animal by the Awarding Committee is concluded, and a written statement, verified by affidavit, setting forth the reasons for protesting, must be filed with the Secretary on the day the animal is exhibited. Provided that protest will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the Awarding Committee.  
In all cases where protests are made at the Fair, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter.  
In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto, be deemed just and proper.  
In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.



2. Awarding Committees in Class D—Swine—are expressly instructed that it is their duty in every case to require from each exhibitor satisfactory evidence of purity of breeding, as claimed; and each committee, when awarding a premium in any such lot, will be understood to say, by such award, that in their opinion the animal receiving a premium is, beyond a reasonable doubt, purely bred, as claimed. They are further instructed, that if they shall have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of Class D, who shall immediately instruct the committee that such exhibitor is thenceforth excluded from competition at this Fair.

3. Pedigrees of swine, in all cases, must be traceable to the American or Foreign Records, for the particular breeds to which they belong.

4. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals voted for shall receive the premium.

5. Awards shall be made as rapidly as possible, and at such time as the Superintendent may designate.

6. All animals entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.

7. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.

8. Animals on exhibition cannot be removed until the close of the Fair, except when affected by disease, and in such cases only upon the written permission of the President.

### Lot 68—Berkshire.

#### BOARS.

376	Best Boar 2 years old or over.....	\$20 00
	Second best.....	10 00
377	Best Boar 1 year old and under 2.....	20 00
	Second best.....	10 00
378	Best Boar under 1 year old.....	15 00
	Second best.....	10 00

#### SOWS.

379	Best Sow 2 years old or over.....	20 00
	Second best.....	10 00
380	Best Sow 1 year old and under 2.....	20 00
	Second best.....	10 00
381	Best Sow under 1 year old.....	15 00
	Second best.....	10 00

#### BREEDERS' RING.

382	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
383	Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows over 1 year old, owned by exhibitor.....	25 00
384	Best 5 head of Swine of any age, the get of one Boar, the Boar to be shown with the pen and considered in making the award.....	20 00

### Lot 69—Berkshire—Sweepstakes.

385	Best Boar of any age.....	\$20 00
386	Best Sow of any age.....	20 00

### Lot 70—Poland-China.

#### BOARS.

387	Best Boar 2 years old or over.....	\$20 00
	Second best.....	10 00
388	Best Boar 1 year old and under 2.....	20 00
	Second best.....	10 00
389	Best Boar under 1 year old.....	15 00
	Second best.....	10 00

#### SOWS.

390	Best Sow 2 years old or over.....	20 00
	Second best.....	10 00
391	Best Sow 1 year old and under 2.....	20 00
	Second best.....	10 00
392	Best Sow under 1 year old.....	15 00
	Second best.....	10 00

### BREEDERS' RING.

393	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	\$20 00
	Second best.....	10 00
394	Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows over 1 year old, owned by the exhibitor...	25 00
395	Best 5 head of Swine of any age, the get of one Boar, the Boar to be shown with the pen, and considered in making the award.....	20 00

### Lot 71—Poland-China—Sweepstakes.

396	Best Boar of any age.....	\$20 00
397	Best Sow of any age.....	20 00

### Lot 72—Victoria.

#### BOARS.

398	Best Boar 2 years old or over.....	\$20 00
	Second best.....	10 00
399	Best Boar 1 year old and under 2.....	20 00
	Second best.....	10 00
400	Best Boar under 1 year old.....	15 00
	Second best.....	10 00

#### SOWS.

401	Best Sow 2 years old or over.....	20 00
	Second best.....	10 00
402	Best Sow 1 year old and under 2.....	20 00
	Second best.....	10 00
403	Best Sow under 1 year old.....	15 00
	Second best.....	10 00

#### BREEDERS' RING.

404	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
405	Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor.....	25 00
406	Best 5 head of Swine of any age, the get of 1 Boar, the Boar to be shown with the pen, and considered in making the award.....	20 00

### Lot 73—Victoria—Sweepstakes.

407	Best Boar of any age.....	\$20 00
408	Best Sow of any age.....	20 00



**Lot 74—Chester White.****BOARS.**

409	Best Boar 2 years old or over.....	\$20 00
	Second best.....	10 00
410	Best Boar 1 year old and under 2.....	20 00
	Second best.....	10 00
411	Best Boar under 1 year old.....	15 00
	Second best.....	10 00

**SOWS.**

412	Best Sow 2 years old or over.....	20 00
	Second best.....	10 00
413	Best Sow 1 year old and under 2.....	20 00
	Second best.....	10 00
414	Best Sow under 1 year old.....	15 00
	Second best.....	10 00

**BREEDERS' RING.**

415	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
416	Best pen of Breeding Hogs, to con- sist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor.....	25 00
417	Best 5 head of Swine of any age, the get of one Boar, the Boar to be shown with the pen, and con- sidered in making the award.....	20 00

**Lot 75—Chester White—Sweepstakes.**

418	Best Boar of any age.....	\$20 00
419	Best Sow of any age.....	20 00

**Lot 76—Essex.****BOARS.**

420	Best Boar 2 years old or over.....	\$20 00
	Second best.....	10 00
421	Best Boar 1 year old and under 2.....	20 00
	Second best.....	10 00
422	Best Boar under 1 year old.....	15 00
	Second best.....	10 00

**SOWS.**

423	Best Sow 2 years old or over.....	20 00
	Second best.....	10 00
424	Best Sow 1 year old and under 2.....	20 00
	Second best.....	10 00
425	Best Sow under 1 year old.....	15 00
	Second best.....	10 00

**BREEDERS' RING.**

426	Best Sow with litter of her own pigs, not less than 5, under six months old.....	20 00
	Second best.....	10 00
427	Best pen of Breeding Hogs, to con- sist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor.....	25 00
428	Best 5 head of Swine of any age, the get of one Boar, the Boar to be shown with the pen, and consid- ered in making the award.....	20 00

**Lot 77—Essex—Sweepstakes.**

429	Best Boar of any age.....	\$20 00
430	Best Sow of any age.....	20 00

**Lot 78—Small Yorkshire and Suffolk.****BOARS.**

431	Best Boar 2 years old or over.....	\$20 00
	Second best.....	10 00
432	Best Boar 1 year old and under 2.....	20 00
	Second best.....	10 00
433	Best Boar under 1 year old.....	15 00
	Second best.....	10 00

**SOWS.**

434	Best Sow 2 years old or over.....	20 00
	Second best.....	10 00
435	Best Sow 1 year old and under 2.....	20 00
	Second best.....	10 00
436	Best Sow under 1 year old.....	15 00
	Second best.....	10 00

**BREEDERS' RING.**

437	Best Sow with litter of her own pigs, not less than 5, under six months old.....	20 00
	Second best.....	10 00
438	Best pen of Breeding Hogs, to con- sist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor.....	25 00
439	Best 5 head of Swine of any age, the get of 1 Boar, the Boar to be shown with the pen, and con- sidered in making the award.....	20 00

**Lot 79—Small Yorkshire and Suffolk—Sweepstakes.**

440	Best Boar of any age.....	\$20 00
441	Best Sow of any age.....	20 00

**Lot 80—Duroc Jersey Red.**

442	Best Boar 2 years old or over.....	\$20 00
	Second best.....	10 00
443	Best Boar 1 year old and under 2.....	20 00
	Second best.....	10 00
444	Best Boar under 1 year old.....	15 00
	Second best.....	10 00

**SOWS.**

445	Best Sow 2 years old or over.....	20 00
	Second best.....	10 00
446	Best Sow 1 year old and under 2.....	20 00
	Second best.....	10 00
447	Best Sow under 1 year old.....	15 00
	Second best.....	10 00

**BREEDERS' RING.**

448	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
449	Best pen of Breeding Hogs, to con- sist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor.....	25 00
450	Best 5 head of swine at any age, the get of 1 Boar, the Boar to be shown with the pen, and consid- ered in making the award.....	20 00

**Lot 81—Duroc Jersey Red—Sweepstakes.**

451	Best Boar of any age.....	\$20 00
452	Best Sow of any age.....	20 00



## LOT 82—SWINE BREEDERS' PRIZES.

### SOLID SILVER GOBLETS

CONTRIBUTED BY

### THE ILLINOIS SWINE BREEDERS' ASSOCIATION.

COMPETITION OPEN TO ALL SWINE BREEDERS.

The State Swine Breeders' Association offers two SILVER GOBLETS, costing fifty dollars each, to be awarded upon the following conditions, to the breeders of the best pen of Berkshire and best pen of Poland-China Swine:

Pen to consist of Boar over 1 year old, two Sows 2 years old or over, two Sows 1 and under 2 years old, and 2 Sows under 1 year old.

1. All competing animals to be of recognized pure blood, and to have been bred by, and at the time of exhibition, to be the property of the exhibitor. Award will be made only in case of competition.

2. Each pen to be composed of animals of the same breed.

3. The exhibitor to furnish, at the time of making entry, a written statement, giving as near as may be the pedigree, age, weight, date and manner of feeding, and other important facts connected with the breeding and the management of the animals exhibited by him. Such statement to be verified by affidavit of the exhibitor.

4. All competing animals to be scaled to the standard adopted by the State Swine Breeders' Association, and the record so made to become a part of the report of the Examining Jury.

5. The party securing either of the Prizes to hold it *in trust* until the opening day of the first succeeding Illinois State Fair, when it shall be placed in the hands of the President of the Illinois State Swine Breeders' Association, to be again competed for. When taken a second time by an exhibitor the Prize is to become his actual property.

### CLASS E—Poultry.

GEORGE REED, Superintendent.

1. Poultry showing any symptoms of disease will be excluded from exhibition.
2. Stock must be entered in the name of the actual owner. Blanks for entry can be obtained on application to the Secretary.
3. All entries shall be in pairs unless otherwise noted.
4. Poultry on exhibition cannot be removed until the close of the Fair.
5. The vitality of all eggs laid during the exhibition shall be destroyed unless taken by the owners.
6. The American standard of excellence shall be the main guide for the judge.
7. The terms "fowl," "chick," etc., are thus defined: Fowl—a bird hatched prior to 1887; Chick—a bird hatched during 1887; Cock—a male bird hatched prior to 1887; Cockerel—a male bird hatched during 1887; Hen—a female bird hatched prior to 1887; Pullet—a female bird hatched during 1887.
8. The judge will award no premium to birds scoring less than 80 points by the American standard of excellence, or on fowls or birds improperly classed.
9. Coops to be furnished by exhibitor, neatly made, and so constructed as to show birds to the best advantage.
10. All poultry entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.
11. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.



**Lot 83—Asiatic.**

453	Best pair Light Brahmas, fowls.....	\$3 00
	Second best.....	2 00
454	Best pair Light Brahmas, chicks.....	3 00
	Second best.....	2 00
455	Best pair Dark Brahmas, fowls.....	3 00
	Second best.....	2 00
456	Best pair Dark Brahmas, chicks .....	3 00
	Second best.....	2 00
457	Best pair Buff Cochins, fowls.....	3 00
	Second best.....	2 00
458	Best pair Buff Cochins, chicks.....	3 00
	Second best.....	2 00
459	Best pair Partridge Cochins, fowls..	3 00
	Second best.....	2 00
460	Best pair Partridge Cochins, chicks.	3 00
	Second best.....	2 00
461	Best pair White Cochins, fowls.....	3 00
	Second best.....	2 00
462	Best pair White Cochins, chicks.....	3 00
	Second best.....	2 00
463	Best pair Black Cochins.....	3 00
	Second best.....	2 00
464	Best pair Black Cochins, chicks.....	3 00
	Second best.....	2 00
465	Best pair Pea-Comb Partridge Coch- ins, fowls .....	3 00
	Second best.....	2 00
466	Best Pair Pea-Comb Partridge Coch- ins, chicks.....	3 00
	Second best.....	2 00
467	Best display Asiatics, fowls or chicks	10 00

**Lot 84—Dorking, Dominique, Ply-  
mouth Rock.**

468	Best pair Silver Gray, fowls.....	\$3 00
	Second best.....	2 00
469	Best pair Silver Gray, chicks.....	3 00
	Second best .....	2 00
470	Best pair White, fowls.....	3 00
	Second best .....	2 00
471	Best pair White, chicks .....	3 00
	Second best .....	2 00
472	Best pair Colored, fowls.....	3 00
	Second best .....	2 00
473	Best pair Colored, chicks.. ..	3 00
	Second best .....	2 00
474	Best pair American Dominiques, fowls. ....	3 00
	Second best .....	2 00
475	Best pair American Dominiques, chicks .....	3 00
	Second best .....	2 00
476	Best pair Plymouth Rocks, fowls....	3 00
	Second best .....	2 00
477	Best pair Plymouth Rocks, chicks...	3 00
	Second best .....	2 00
478	Best display of Dorking, Dominique, and Plymouth Rocks, fowls or chicks.....	10 00

**Lot 85—Spanish.**

479	Best pair Black Spanish (white face) fowls.....	\$3 00
	Second best .....	2 00
480	Best pair Black Spanish, chicks.....	3 00
	Second best .....	2 00
481	Best pair White Leghorn, fowls.....	3 00
	Second best .....	2 00
482	Best pair White Leghorn, chicks ....	3 00
	Second best .....	2 00
483	Best pair Brown Leghorn, fowls.....	3 00
	Second best .....	2 00
484	Best pair Brown Leghorn, chicks....	3 00
	Second best .....	2 00
485	Best pair Dominique Leghorn, fowls	3 00
	Second best .....	2 00
486	Best pair Dominique Leghorn, chicks	3 00
	Second best .....	2 00
487	Best pair Black Leghorn, fowls.....	3 00
	Second best .....	2 00
488	Best pair Black Leghorn, chicks.....	3 00
	Second best .....	2 00
489	Best display of Spanish, fowls or chicks .....	10 00

**Lot 86—Hamburg.**

490	Best pair Golden-Penciled, fowls ....	\$3 00
	Second best .....	2 00
491	Best pair Golden-Penciled, chicks...	3 00
	Second best .....	2 00
492	Best pair Silver-Penciled, fowls .....	3 00
	Second best .....	2 00
493	Best pair Silver-Penciled, chicks ....	3 00
	Second best .....	2 00
494	Best pair Golden-Spangled, fowls....	3 00
	Second best .....	2 00
495	Best pair Golden-Spangled, chicks...	3 00
	Second best .....	2 00
496	Best pair Silver-Spangled, fowls.....	3 00
	Second best .....	2 00
497	Best pair Silver-Spangled, chicks....	3 00
	Second best .....	2 00
498	Best pair Black, fowls .....	3 00
	Second best .....	2 00
499	Best pair Black, chicks.....	3 00
	Second best .....	2 00
500	Best pair White, fowls.....	3 00
	Second best .....	2 00
501	Best pair White, chicks .....	3 00
	Second best .....	2 00

**Lot 87—Polish.**

502	Best pair Golden-Spangled, fowls....	\$3 00
	Second best .....	2 00
503	Best pair Golden Spangled, chicks...	3 00
	Second best .....	2 00
504	Best pair Silver-Spangled, fowls.....	3 00
	Second best .....	2 00
505	Best pair Silver-Spangled, chicks....	3 00
	Second best .....	2 00
506	Best pair White-Crested Black, fowls	3 00
	Second best .....	2 00
507	Best pair White-Crested Black, chicks	3 00
	Second best .....	2 00
508	Best pair Sultan, fowls .....	3 00
	Second best .....	2 00
509	Best pair Sultan, chicks.....	3 00
	Second best .....	2 00
510	Best pair White, fowls .....	3 00
	Second best .....	2 00
511	Best pair White, chicks.....	3 00
	Second best .....	2 00

**Lot 88—French.**

512	Best pair Houdans, fowls .....	\$3 00
	Second best .....	2 00
513	Best pair Houdans, chicks.....	3 00
	Second best .....	2 00
514	Best pair Crevecœur, fowls .....	3 00
	Second best .....	2 00
515	Best pair Crevecœur, chicks.....	3 00
	Second best .....	2 00
516	Best pair La Fleche, fowls.....	3 00
	Second best .....	2 00
517	Best pair La Fleche, chicks .....	3 00
	Second best .....	2 00

**Lot 89—Game.**

518	Best pair Black-Breasted Red, fowls.	\$3 00
	Second best .....	2 00
519	Best pair Black-Breasted Red, chicks	3 00
	Second best .....	2 00
520	Best pair White, fowls.....	3 00
	Second best .....	2 00
521	Best pair White, chicks .....	3 00
	Second best.....	2 00
522	Best pair Brown Red, fowls.....	3 00
	Second best .....	2 00
523	Best pair Brown Red, chicks.....	3 00
	Second best .....	2 00
524	Best pair Ginger Red, fowls.....	3 00
	Second best .....	2 00
525	Best pair Ginger Red, chicks .....	3 00
	Second best .....	2 00
526	Best pair Yellow Duck Wing, fowls..	3 00
	Second best .....	2 00



527	Best pair Yellow Duck Wing, chicks.	\$3 00
	Second best	2 00
528	Best pair Gray, fowls.	3 00
	Second best	2 00
529	Best pair Gray, chicks.	3 00
	Second best	2 00
530	Best pair Silver Duck Wing, fowls.	3 00
	Second best	2 00
531	Best pair Silver Duck Wing, chicks.	3 00
	Second best	2 00
532	Best pair Spangled, fowls.	3 00
	Second best	2 00
533	Best pair Spangled, chicks.	3 00
	Second best	2 00
534	Best pair Pile, fowls.	3 00
	Second best	2 00
535	Best pair Pile, chicks.	3 00
	Second best	2 00
536	Best pair White Pile, fowls.	3 00
	Second best	2 00
537	Best pair White Pile, chicks.	3 00
	Second best	2 00
538	Best pair Black, fowls.	3 00
	Second best	2 00
539	Best pair Black, chicks.	3 00
	Second best	2 00
540	Best pair Blue, fowls.	3 00
	Second best	2 00
541	Best pair Blue, chicks.	3 00
	Second best	2 00

**Lot 90—Bantams.**

542	Best pair Sebright, fowls.	\$3 00
	Second best	2 00
543	Best pair Sebright, chicks	3 00
	Second best	2 00
544	Best pair Red Pile Game, fowls.	3 00
	Second best	2 00
545	Best pair Red Pile Game, chicks.	3 00
	Second best	2 00
546	Best pair White, fowls.	3 00
	Second best	2 00
547	Best pair White, chicks.	3 00
	Second best	2 00
548	Best pair Black, fowls.	3 00
	Second best	2 00
549	Best pair Black, chicks.	3 00
	Second best	2 00
550	Best pair Pekin or Cochín, fowls	3 00
	Second best	2 00
551	Best pair Pekin or Cochín, chicks.	3 00
	Second best	2 00
552	Best pair Japan, fowls.	3 00
	Second best	2 00
553	Best pair Japan, chicks.	3 00
	Second best	2 00
554	Best pair Black-Red Game, fowls.	3 00
	Second best	2 00
555	Best pair Black-Red Game, chicks.	3 00
	Second best	2 00
556	Best pair Brown-breasted Game, fowls.	3 00
	Second best	2 00
557	Best pair Brown-breasted Game, chicks.	3 00
	Second best	2 00
558	Best pair Duck Wing, fowls.	3 00
	Second best	2 00
559	Best pair Duck Wing, chicks.	3 00
	Second best	2 00

**Lot 91—Miscellaneous.**

560	Best pair Frizzlies, fowls.	\$3 00
	Second best	2 00
561	Best pair Frizzlies, chicks.	3 00
	Second best	2 00
562	Best pair Silkies, fowls.	3 00
	Second best	2 00
563	Best pair Silkies, chicks.	3 00
	Second best	2 00
564	Best pair Rumpless, fowls.	3 00
	Second best	2 00
565	Best pair Rumpless, chicks.	3 00
	Second best	2 00

566	Best pair Pea Fowls.	\$3 00
	Second best	2 00
567	Best two Capons.	3 00
	Second best	2 00
568	Best pair Langshan, fowls.	3 00
	Second best	2 00
569	Best pair Langshan, chicks.	3 00
	Second best	2 00
570	Best pair Wyandottes, fowls.	3 00
	Second best	2 00
571	Best pair Wyandottes, chicks.	3 00
	Second best	2 00

**Lot 92—Guineas.**

572	Best pair White, fowls.	\$3 00
	Second best	2 00
573	Best pair White, chicks.	3 00
	Second best	2 00
574	Best pair Common, fowls.	3 00
	Second best	2 00
575	Best pair Common, chicks.	3 00
	Second best	2 00

**Lot 93—Turkeys.**

576	Best pair Bronze, fowls.	\$4 00
	Second best	2 00
577	Best pair Bronze, chicks.	4 00
	Second best	2 00
578	Best pair Black, fowls.	4 00
	Second best	2 00
579	Best pair Black, chicks.	4 00
	Second best	2 00
580	Best pair Slate, fowls.	4 00
	Second best	2 00
581	Best pair Slate, chicks.	4 00
	Second best	2 00
582	Best pair Buff, fowls.	4 00
	Second best	2 00
583	Best pair Buff, chicks.	4 00
	Second best	2 00
584	Best pair Narragansett, fowls	4 00
	Second best	2 00
585	Best pair Narragansett, chicks.	4 00
	Second best	2 00
586	Best pair White, fowls.	4 00
	Second best	2 00
587	Best pair White, chicks.	4 00
	Second best	2 00
588	Best display Turkeys.	10 00

**Lot 94—Ducks.**

589	Best pair Aylesbury.	\$3 00
	Second best	2 00
590	Best pair Rouen.	3 00
	Second best	2 00
591	Best pair Cayuga.	3 00
	Second best	2 00
592	Best pair White Muscovy.	3 00
	Second best	2 00
593	Best pair Colored Muscovy.	3 00
	Second best	2 00
594	Best pair White-Crested.	3 00
	Second best	2 00
595	Best pair Pekin.	3 00
	Second best	2 00
596	Best pair Call.	3 00
	Second best	2 00
597	Best pair East Indian or Labrador.	3 00
	Second best	2 00
598	Best display of Ducks.	10 00

**Lot 95—Geese.**

599	Best pair Embden.	\$4 00
	Second best	2 00
600	Best pair Toulouse.	4 00
	Second best	2 00
601	Best pair White China.	4 00
	Second best	2 00
602	Best pair Egyptian.	4 00
	Second best	2 00
603	Best pair African.	4 00
	Second best	2 00
604	Best display of Geese.	10 00



**Lot 96—Rabbits.**

605	Best pair Madagascar.....	\$3 00
	Second best.....	2 00
606	Best pair White Angoras.....	3 00
	Second best.....	2 00
607	Best pair Fawn Angoras.....	3 00
	Second best.....	2 00
608	Best pair Himalay.....	3 00
	Second best.....	2 00
609	Best pair Dutch.....	3 00
	Second best.....	2 00
610	Best pair Belgian Hares.....	3 00
	Second best.....	2 00
611	Best pair English Rabbits.....	3 00
	Second best.....	2 00

**Lot 97—Ferrets.**

612	Best pair English Ferrets.....	\$3 00
	Second best.....	2 00
613	Best pair American White Ferrets....	3 00
	Second best.....	2 00

**Lot 98—Pigeons.**

614	Best display of Pigeons, not less than ten varieties.....	\$10 00
	Second best.....	5 00

**CLASS F—Mechanic Arts.**

E. B. DAVID, Superintendent.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned.

2. No premium will be awarded in this class except for new inventions or designs, but every facility will be afforded for exhibition.

3. Articles entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.

4. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.

5. Articles on exhibition cannot be removed until the close of the Fair.

**Lot 99—Stoves, Metal Work, Etc.**

615	Display of Ranges and Stoves.
616	Display of Plumbers' Work and Material.
617	Display of Brass and Ornamental Iron-Wire Work.
618	Display of Agricultural Hardware.
619	Best display of new inventions in Sanitary Plumbing—Silver Medal.
620	Display of Bicycles, Tricycles, Skates, etc.
621	Display of Fire Arms.
622	Display of Cutlery.
623	Display of Pleasure Boats and Supplies for Aquatic Sports.
624	Best new inventions in above class—Silver Medal.
625	Display of Lamps.
626	Display of Gas Burners.
627	Display of Stoves.
628	Display of Electric Light and Apparatus.
629	Best new invention of Lighting Apparatus—Silver Medal.
630	Display of Silver-Plated Ware.
631	Best new design in above class—Silver Medal and \$20.
632	Display of Mantels and Decorative Household Fixtures.
633	Best new design or invention in Household Art in above class—Silver Medal and \$10.
634	Display of Scales (other than hay or cattle).
635	Best display of new designs in Wood Carving—Silver Medal and \$10.
636	Best display of new designs in Plaster Ornaments—Silver Medal.
637	Display of Butchers' Machinery and Tools.
638	Display of Weather Vanes, etc.
639	Best new invention in operation for drying fruit, in general use—Silver Medal.
640	Display of Fruit Crates and Packages.
641	Best new invention in Water Filters—Silver Medal.

**Lot 100—Furniture, Desks, Etc.**

642	Display of General Household Furniture.
643	Display of Laundry Fixtures and Supplies.
644	Display of School Furniture and Supplies.
645	Best new invention in above class—Silver Medal.
646	Display of Office Desks and Fittings.
647	Washing Machine.
648	Wringer.

**Lot 101—Manufactures of Various Kinds.**

649 Display of Tiles for Mantels, Floors, etc.

**DISPLAY OF MANUFACTURES OF VARIOUS KINDS.**

650	Best new design in above class—Silver Medal.
651	Display of Pottery.
652	Best new design in Pottery—Silver Medal and \$10.
653	Best display of new designs in Terra Cotta for building ornaments—Silver Medal.
654	Best general display of new designs in Household Decorative ware of Earthen, Porcelain or like material—Silver Medal and \$10.
655	Display of Glass and Glassware.
656	Display of Mixed Paints ready for use.
657	Display of Willowware.
658	Display of Bound Blank Books.
659	Display of Paper, writing, wrapping and printing.
660	Display of Wall Papers, Borders and Wall Decorations.
661	Best display of new designs or inventions in above class—Silver Medal and \$10.



- 662 Display of Philosophical and Mathematical Instruments.  
 663 Display of Dental, Medical and Surgical Instruments and Appliances.  
 664 Display of Watches by manufacturer.  
 665 Best display of new inventions in the manufacture of Watches—Silver Medal.  
 666 Display of Jewelry by manufacturer.  
 667 Best display of new designs in Jewelry—Silver Medal.  
 668 Display of Fancy Toilet Goods.  
 669 Display of Soaps.  
 670 Display of Confections and Candies.  
 671 Display of Crackers.  
 672 Display of Druggists' Goods.  
 673 Display of Bags and Bagging  
 674 Display of Raw Furs.  
 675 Display of made-up Furs.  
 676 Best New Composition for roofing or siding—Silver Medal.

#### Lot 102—Leather and Products of Same.

- 677 General display of Harness and Carriage Goods.

- 678 Gentleman's Saddle.  
 679 Lady's Saddle.  
 680 Display of Leather not made up.  
 681 Display of Trunks and Traveling Bags.

#### Lot 103—Sewing and Knitting Machines.

- 682 Display of Family Sewing Machines.  
 683 Display of Manufacturing Sewing Machines.  
 684 Display of Knitting Machines in operation.

#### Lot 104—Mining Machinery.

- 685 Display of Hand Tools and Implements for Coal Miners.  
 686 Display of Steam or Horse-Power Mining Machinery.  
 687 Best new invention in Mining Machinery, Tools, etc.—Silver Medal and \$10.

## CLASS C—Farm Products and Pantry Stores.

### JOSEPH SKEAVINGTON, Superintendent.

1. All Grains, Seeds and Vegetables competing for premiums must be exhibited by the producer, and must have been grown in the year 1887.
2. Awarding Committees will report for duty to the Superintendent promptly at 9 A. M., Tuesday, September 27, 1887.
3. All articles entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.
4. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.
5. No article on exhibition can be removed until the close of the Fair.

#### Lot 105—Grains and Seeds.

By Amateurs only.

- 688 Best White Winter Wheat, not less than 3 varieties,  $\frac{1}{2}$  bushel each.. \$10 00  
 Second best ..... 5 00  
 689 Best Red Winter Wheat, not less than 3 varieties,  $\frac{1}{2}$  bushel each. 10 00  
 Second best ..... 5 00  
 690 Best Spring Wheat, not less than 2 varieties,  $\frac{1}{2}$  bushel each..... 10 00  
 Second best ..... 5 00  
 691 Best sample Rye, not less than  $\frac{1}{2}$  bushel ..... 5 00  
 Second best ..... 3 00  
 692 Best sample White Oats, not less than  $\frac{1}{2}$  bushel..... 5 00  
 Second best ..... 3 00  
 693 Best sample Black Oats, not less than  $\frac{1}{2}$  bushel..... 5 00  
 Second best ..... 3 00  
 694 Best sample Fall Barley, not less than  $\frac{1}{2}$  bushel..... 5 00  
 Second best ..... 3 00  
 695 Best sample Spring Barley, not less than  $\frac{1}{2}$  bushel..... 5 00  
 696 Largest and best display of Grain in the straw..... S. M. and 15 00  
 697 Best sample Buckwheat, not less than  $\frac{1}{2}$  bushel..... 5 00  
 Second best ..... 2 00  
 698 Best Sample Timothy Seed, not less than  $\frac{1}{2}$  bushel..... 5 00  
 Second best ..... 2 00

- 699 Best sample Clover Seed, not less than  $\frac{1}{2}$  bushel..... \$5 00  
 Second best ..... 2 00  
 700 Best sample of Orchard-Grass Seed, not less than  $\frac{1}{2}$  bushel ..... 5 00  
 Second best ..... 2 00  
 701 Best sample Flax Seed, not less than  $\frac{1}{2}$  bushel..... 5 00  
 Second best ..... 2 00  
 702 Best sample of Red-Top Grass Seed, not less than  $\frac{1}{2}$  bushel..... 5 00  
 Second best ..... 2 00  
 703 Largest display of Forage Grasses, in varieties ..... 10 00  
 704 Best 25 pounds of Broom Corn..... 5 00  
 Second best ..... 2 00  
 705 Best White Field Beans, not less than  $\frac{1}{2}$  bushel..... 5 00  
 Second best ..... 2 00  
 706 Best Castor Beans, not less than  $\frac{1}{2}$  bushel ..... 5 00

#### Lot 106—Grains and Seeds.

By Professional Seedsmen.

- 707 Largest and best display of Grains and Seeds, by any one person, samples to consist of not less than 1 quart of Grain and 1 pint of Seed..... Dip. and 30 00



- 708 Largest and best display of Garden Vegetables, not less than twenty varieties.....Dip. and \$10 00  
Second best ..... 5 00
- 709 Best display of Garden Seeds ..... S. M. and 20 00  
Second best..... 10 00
- 710 Best display of Irish Potatoes, not less than 25 varieties, and  $\frac{1}{2}$  peck of each..... Dip. and 10 00  
Second best ..... 5 00

**Lot 107—Corn.**

By Amateurs only.

- 711 Largest and best display of Indian Corn .....\$10 00  
Second best ..... 5 00
- 712 Best sample White Indian Corn, not less than  $\frac{1}{2}$  bushel, in the ear... 5 00  
Second best ..... 3 00
- 713 Best sample Yellow Indian Corn, not less than  $\frac{1}{2}$  bushel, in the ear... 5 00  
Second best ..... 3 00
- 714 Best sample Sweet Corn, not less than  $\frac{1}{2}$  bushel, in the ear..... 3 00  
Second best ..... 2 00
- 715 Best sample Pop Corn, not less than one peck, in the ear..... 3 00  
Second best ..... 2 00
- 716 Best collection of Field Corn on the stalk, not less than five stalks of each variety ..... 10 00  
Second best ..... 5 00
- 717 Best bushel of White Corn from the Northern Division Illinois ..... 10 00  
Second best ..... 5 00
- 718 Best bushel of White Corn from the Central Division Illinois..... 10 00  
Second best ..... 5 00
- 719 Best bushel of White Corn from the Southern Division Illinois..... 10 00  
Second best ..... 5 00
- 720 Best bushel of Yellow Corn from the Northern Division Illinois..... 10 00  
Second best ..... 5 00
- 721 Best bushel of Yellow Corn from the Central Division Illinois..... 10 00  
Second best ..... 5 00
- 722 Best bushel of Yellow Corn from the Southern Division Illinois..... 10 00  
Second best ..... 5 00

**Lot 108—Vegetables.**

By Amateurs only.

Vegetables to be shown in  $\frac{1}{2}$  bushel baskets, where that quantity is desired.

- 723 Best Early Irish Potatoes, not less than  $\frac{1}{2}$  bushel.....\$ 5 00  
Second best ..... 3 00
- 724 Best Late Irish Potatoes, not less than  $\frac{1}{2}$  bushel ..... 5 00  
Second best ..... 3 00
- 725 Best Sweet Potatoes, not less than  $\frac{1}{2}$  bushel ..... 5 00  
Second best ..... 3 00
- 726 Best Yellow Danvers Onions, not less than  $\frac{1}{2}$  bushel..... 4 00  
Second best ..... 2 00
- 727 Best Large Red Onions, not less than  $\frac{1}{2}$  bushel..... 4 00  
Second best ..... 2 00
- 728 Best White Globe Onions, not less than  $\frac{1}{2}$  bushel..... 4 00  
Second best ..... 2 00
- 729 Best Table Turnips, not less than  $\frac{1}{2}$  bushel ..... 4 00  
Second best..... 2 00
- 730 Best Beets for table use, not less than  $\frac{1}{2}$  bushel..... 4 00  
Second best..... 2 00

- 731 Best Mangel Wurzels, not less than  $\frac{1}{2}$  bushel each, of two or more varieties..... \$4 00  
Second best..... 2 00
- 732 Best Parsnips for table use, not less than  $\frac{1}{2}$  bushel..... 4 00  
Second best..... 2 00
- 733 Best Cauliflower..... 4 00  
Second best..... 2 00
- 734 Best Celery, not less than 12 stalks... 4 00  
Second best..... 2 00
- 735 Best four or more varieties Cabbage, not less than 6 heads each..... 8 00  
Second best..... 4 00
- 736 Best Tomatoes, not less than 1 peck.. 4 00  
Second best..... 2 00
- 737 Best 6 Pumpkins..... 4 00  
Second best..... 2 00
- 738 Best 6 Squash..... 4 00  
Second best..... 2 00
- 739 Best 6 Watermelons..... 4 00  
Second best..... 2 00
- 740 Best 6 Muskmelons..... 4 00  
Second best..... 2 00
- 741 Best 6 Nutmeg Melons..... 4 00  
Second best..... 2 00
- 742 Best Carrots, not less than  $\frac{1}{2}$  bushel each, of two or more varieties.. 5 00  
Second best..... 3 00
- 743 Best 6 Egg-Plant fruit..... 4 00  
Second best..... 2 00
- 744 Best and greatest variety of Garden Seeds, named... 10 00  
Second best..... 5 00
- 745 Best Tobacco, to be shown "in hand," not less than 10 pounds..... 4 00
- 746 Best Sugar Beets, not less than  $\frac{1}{2}$  bushel..... 5 00  
Second best..... 3 00
- 747 Largest and best display of Garden Vegetables, not less than twenty varieties, samples distinct from foregoing.....Dip. and 10 00  
Second best..... 5 00
- 748 Best display of Garden Seeds ..... S. M. and 20 00  
Second best..... 10 00
- 749 Best display of Irish potatoes, not less than 25 varieties, and  $\frac{1}{2}$  peck of each..... 10 00  
Second best..... 5 00

**Lot 109—Bread, Cakes, Etc.**

Bakers and Confectioners not allowed to compete except for largest display.

- 750 Best loaf of Wheat Bread, made with hop yeast..... \$4 00  
Second best..... 2 00
- 751 Best loaf of Wheat Bread, made with milk rising..... 4 00  
Second best..... 2 00
- 752 Best loaf of Bread, made of unbolted flour..... 4 00  
Second best..... 2 00
- 753 Best loaf of Rye Bread..... 4 00  
Second best..... 2 00
- 754 Best loaf of Corn Bread..... 4 00  
Second best..... 2 00
- 755 Best Sponge Cake..... 4 00  
Second best..... 2 00
- 756 Best Snow Cake..... 4 00  
Second best..... 2 00
- 757 Best Pound Cake..... 4 00  
Second best..... 2 00
- 758 Best Jelly Cake..... 4 00  
Second best..... 2 00
- 759 Best Fruit Cake..... 6 00  
Second best..... 3 00
- 760 Best Silver Cake..... 4 00  
Second best..... 2 00
- 761 Best Gold Cake..... 4 00  
Second best..... 2 00
- 762 Best Nut Cake..... 4 00  
Second best..... 2 00
- 763 Best Doughnuts..... 4 00  
Second best..... 2 00



764	Best Ginger Cake.....	\$4 00
	Second best.....	2 00
765	Best Marble Cake.....	4 00
	Second best.....	2 00
766	Best Orange Cake.....	4 00
	Second best.....	2 00
767	Best Lemon Cake.....	4 00
	Second best.....	2 00
768	Best Coconut Cake.....	4 00
	Second best.....	2 00
769	Best Queen of the Prairie Cake.....	4 00
	Second best.....	2 00
770	Best Fig Cake.....	4 00
	Second best.....	2 00
771	Best Angel Food.....	4 00
	Second best.....	2 00
772	Best Chocolate Cake.....	4 00
	Second best.....	2 00
773	Best Crackers, not less than 5 pounds	4 00
	Second best.....	2 00
774	Best display Ginger Snaps.....	4 00
	Second best.....	2 00
775	Best display of Cookies.....	4 00
	Second best.....	2 00
776	Largest and best display of Pastry...	4 00
	Second best.....	2 00
777	Best Pan Rolls (home-made).....	4 00
	Second best.....	2 00
778	Largest and best display of Bread and Cakes by Baker or Confectioner.....	Diploma and 15 00
779	Best quart of Sorghum Molasses.....	3 00
	Second best.....	2 00
780	Best sample of Sugar made of Sorghum, 5 or more pounds.....	3 00
	Second best.....	2 00
781	Best sample of Flavoring Extracts, in variety.....	Dip
782	Best can Sweet Corn.....	2 00
783	Best can Common Corn.....	2 00
784	Best barrel Winter Wheat Flour.....	Dip
785	Best barrel Spring Wheat Flour.....	Dip
786	Best Starch of Wheat, not less than 10 pounds, Illinois manufacture.....	Dip
787	Best Starch of Indian Corn, not less than 20 pounds, Illinois manufacture.....	Dip

**Lot 110—Bees' Honey, Etc.**

788	Best colony of Italian Bees in observatory hive.....	10 00
	Second best.....	5 00
789	Best colony of Syrian Bees in observatory hive.....	10 00
	Second best.....	5 00
790	Best colony of Black Bees in observatory hive.....	10 00
	Second best.....	5 00
791	Best and largest display of colonies of the different races of Bees in observatory hives.....	10 00
	Second best.....	5 00
792	Largest and best collection of Queen Bees.....	5 00
	Second best.....	3 00
793	Largest and best display of Comb Honey.....	10 00
	Second best.....	5 00
794	Largest and best display of Extracted Honey.....	6 00
	Second best.....	3 00

795	Largest and best collection of Apiarian Supplies.....	\$10 00
	Second best.....	5 00
796	Best Bee-Hive—all things considered.....	5 00
	Second best.....	3 00

**Lot 111—Jellies, Preserves, Pickles, Etc.**

797	Best 6 or more varieties of Fruit Jelly, to include Apple, Plum, Quince, Crab Apple, Peach and Cherry.....	\$8 00
	Second best.....	5 00
798	Best 6 or more varieties of small Fruit Jelly, to include Currant, Grape, Blackberry, Raspberry, Strawberry and Gooseberry.....	8 00
	Second best.....	5 00
799	Largest and most attractive display of Jellies, not to include samples entered for other premiums.....	15 00
	Second best.....	12 00
800	Best 6 or more varieties of Canned Fruit, to include Apple, Plum, Quince, Crab Apple, Peach, Cherry and Tomato.....	8 00
	Second best.....	5 00
801	Best 6 or more varieties of Canned Small Fruits, to include Currant, Grape, Blackberry, Raspberry, Strawberry and Gooseberry.....	8 00
	Second best.....	5 00
802	Largest and most attractive display of Canned Fruits, not to include samples entered for other premiums.....	15 00
	Second best.....	12 00
803	Best 10 or more varieties of Preserved Fruits, to include Crab Apple, Quince, Grape, Pear, Strawberry, Cherry and Tomato.....	12 00
	Second best.....	8 00
804	Best 6 or more varieties of Fruit Butter, to include Apple, Peach, Pear, Plum, Quince and Crab Apple.....	7 00
	Second best.....	5 00
805	Best 6 or more varieties of Jam, to include Blackberry, Currant, Raspberry, Strawberry, Grape and Gooseberry.....	7 00
	Second best.....	5 00
806	Best 10 or more varieties of Sour Pickles, to include Cucumber, Cabbage, Onion, Mixed Pickles, Piccalilli, Chow Chow, Gherkins, Peaches, Mangoes and Cherries.....	8 00
	Second best.....	6 00
807	Best 5 or more varieties of Sauces, Relishes, Catsups, etc., to include Tomato, Walnut and Cucumber Catsups, Cider Vinegar and Table Sauce.....	6 00
	Second best.....	4 00
808	Best exhibition of Preserved Fruits, Vegetables or Animal Substances, without heat, sugar or airtight jars.....	Dip.
	Second best.....	S. M.



CLASS H—Horticulture and Floriculture.

GEORGE S. HASKELL, Superintendent.

FLOWERS, PLANTS, ETC.

- 1. All articles in this class must be correctly named and labeled, with not more than two specimens of any one variety.
- 2. Plants competing for a premium must be arranged together, and separate samples must be furnished for each entry.
- 3. Cut flowers and designs must be ready for inspection at or before 10 o'clock A. M., Tuesday, September 27, 1887.
- 4. Awarding Committees will report for duty to the Superintendent promptly at 1 o'clock P. M., Tuesday, September 27, 1887.
- 5. All articles entered for exhibition shall be in place not later than 1 o'clock P. M., Monday, September 26, 1887.
- 6. Entries will positively close Saturday, September 24, 1887, at 6 o'clock P. M.
- 7. No article or object deemed unworthy shall be awarded a premium.

Lot 112—Flowers and Plants.

For Professional Florists and Dealers only.

- 809 Best collection of distinct varieties of Green-house and Hot-house Plants, not to include specimens entered for other premiums..... Dip. and \$40 00
- 810 Best collection of Caeti, Agaves and Aloes..... 5 00
- 811 Best collection of Echeverias and Succulents..... 5 00
- 812 Best and most showy varieties of Rex Begonia..... 5 00
- 813 Best collection of winter-flowering Begonia..... 5 00
- 814 Best and largest collection Geraniums in flower..... 5 00
- 815 Best collection of Carnations, in bloom..... 5 00
- 816 Best two Hanging Baskets of Plants. 5 00
- 817 Best single Specimen Plant of any kind..... 5 00
- 818 Best single Palm..... 5 00
- 819 Best single Ficus..... 3 00
- 820 Best single Fern..... 5 00
- 821 Best collection of Crotons..... 5 00
- 822 Best collection of Bulbs, correctly named ..... S. M.

Lot 113—Cut Flowers.

For Professional Florists only.

- 823 Best collection of Cut Flowers.....\$10 00
- Second best... 6 00
- 824 Best collection of Asters..... 8 00
- Second best..... 5 00
- 825 Best collection of Dahlias, named.... 8 00
- Second best..... 6 00
- 826 Best collection of Pompones or Bouquet Dahlias..... 5 00
- Second best..... 3 00
- 827 Best single Dahlia..... 3 00
- Second best..... 2 00
- 828 Best Seedling Dahlia..... Dip.
- 829 Best display of Dianthus..... 8 00
- Second best..... 5 00
- 830 Best collection of Everlastings..... Dip.
- 831 Best collection of Grasses..... Dip.
- 832 Best and largest display of Cut Roses 10 00
- Second best..... 6 00
- 833 Best collection of Gladioli..... 10 00
- Second best..... 6 00

- 834 Best collection of Pansies..... \$8 00
- Second best..... 5 00
- 835 Best collection of Phlox Drummondii 8 00
- Second best..... 5 00
- 836 Best collection of Tuberoses, cut stalks..... 5 00
- Second best..... 3 00
- 837 Best collection of Verbenas..... 8 00
- Second best..... 6 00
- 838 Best collection of Cut Geraniums.... 8 00
- Second best..... 6 00
- 839 Best collection of double Zinnias.... 5 00
- Second best..... 3 00
- 840 Best collection of double Petunias.. 5 00
- Second best..... 3 00
- 841 Best collection of single Petunias.... 5 00
- Second best..... 3 00
- 842 Best and largest collection of Cut Flowers, including above..... Dip-

FLORAL DESIGNS, BOUQUETS, ETC.

- 843 Best Floral Design..... 20 00
- Second best..... 15 00
- Third best..... 10 00
- 844 Best Wreath..... 8 00
- 845 Best pair Hand Bouquets..... 6 00
- 846 Best basket of Cut Flowers..... 8 00
- 847 Best basket of Cut Roses..... 10 00
- 848 Best design for Dinner Table Decorations..... S. M. and 20 00
- 849 Best display of Florists' Requisites.. S. M.
- 850 Best and largest display of Floral Work, including above..... S. M.

Lot 114—Cut Flowers, Floral Designs and Bouquets by Amateurs.

Professional Florists not allowed, under any circumstances, to compete.

- 851 Best collection of Cut Flowers..... \$6 00
- Second best..... 4 00
- 852 Best collection of Asters..... 4 00
- Second best..... 2 00
- 853 Best collection of Balsams..... 4 00
- Second best..... 2 00
- 854 Best collection of Dahlias, named, not less than 10 varieties..... 4 00
- Second best..... 3 00
- 855 Best collection of Everlastings..... 3 00
- Second best..... 2 00



856	Best collection of Gladioli.....	\$3 00	865	Best double Zinnia.....	\$3 00
	Second best.....	2 00		Second best.....	2 00
857	Best collection of Japan Pinks.....	3 00	FLORAL DESIGNS, BOUQUETS, ETC.		
	Second best.....	2 00	866	Best Floral Design.....	\$8 00
858	Best collection of single Petunias....	3 00		Second best.....	6 00
	Second best.....	2 00	867	Best Floral Wreath.....	4 00
859	Best collection of double Petunias...	3 00	868	Best Floral Heart.....	4 00
	Second best.....	2 00	869	Best pair round Hand Bouquets.....	3 00
860	Best collection of Pansies.....	3 00		Second best.....	2 00
	Second best.....	2 00	870	Best pair Grass Bouquets.....	3 00
861	Best collection of Phlox Drummondii	3 00		Second best.....	2 00
	Second best.....	2 00	871	Best basket of Cut Flowers.....	3 00
862	Best collection of Cut Roses.....	4 00		Second best.....	2 00
	Second best.....	3 00	872	Best Winter Basket of Flowers,	
863	Best collection of Tuberoses.....	2 00		Leaves and Mosses....	3 00
	Second best.....	1 00		Second best.....	2 00
864	Best collection of Verbenas.....	3 00			
	Second best.....	2 00			

## CLASS H—Horticulture and Floriculture.

GEORGE S. HASKELL, Superintendent.

### FRUITS.

1. All articles in this section must have been grown or produced by the exhibitor, and be correctly named and labeled; a plate of fruit to consist of four specimens, and only one plate of each variety will be permitted to compete for the same premium.

2. Fruit competing for the same premium must be arranged together, and separate samples must be furnished for each entry.

3. A list of fruit shown in collections, specifying the premiums for which entered, must be presented to the Superintendent for the use of committees.

4. Apples entered for the premiums offered for collections grown in the Northern, Central and Southern Divisions of the State, must have been grown by the exhibitor in the Division specified by the entry.

5. Awarding Committees will report for duty to the Superintendent promptly at 1 o'clock P. M., Tuesday, September 27, 1887.

#### Lot 115—Home-Grown Fruits.

For Professional Fruit Growers and Orchardists.

873	Best collection of Fruits by a Horticultural Society, to be grown within the territorial limits of the society exhibiting .....	\$60 00	879	Best collection of Autumn Pears, not less than 5 varieties, the product of this State.....	\$ 5 00
	Second best .....	40 00		Second best .....	3 00
	Third best.....	20 00	880	Best collection of Winter Pears, not less than 5 varieties, the product of this State.....	5 00
874	Best collection, 10 varieties, of Apples for Southern Illinois, value for market purposes to be considered.....	15 00		Second best .....	3 00
	Second best .....	10 00	881	Best collection of Peaches, named, not less than 6 varieties .....	3 00
875	Best collection, 10 varieties, of Apples for Central Illinois, value for market purposes to be considered.....	15 00		Second best .....	2 00
	Second best .....	10 00	882	Best collection of Plums, not less than 3 varieties .....	3 00
876	Best collection, 10 varieties, of Apples for Northern Illinois, value for market purposes to be considered.....	15 00		Second best .....	2 00
	Second best .....	10 00	883	Best 12 Quinces .....	3 00
877	Best specimens Crab Apples, not less than 5 varieties .....	3 00	884	Best display of Grapes, correctly named .....	10 00
878	Best collection of Pears, not less than 5 varieties, the product of this State.....	5 00		Second best .....	6 00
	Second best .....	3 00	885	Best Early Grapes, not less than 3 varieties.....	3 00
				Second best .....	2 00
			886	Best 3 varieties of Late Grapes, for table use, not less than 3 bunches each .....	3 00
				Second best .....	2 00
			887	Best 3 varieties of Wine Grapes, not less than 3 bunches each .....	3 00
				Second best .....	2 00
			888	Best single variety of New Grapes, not less than 2 bunches.....	Dip.

**Lot 116—Home-Grown Fruits.**

By Farmer or Amateur.

No Professional Fruit Grower allowed to compete under any circumstances.

889	Best collection of Apples, 10 varieties.....	\$ 6 00
	Second best .....	4 00
890	Best collection of Apples, 6 varieties .....	5 00
	Second best .....	3 00
891	Best Apples, 4 varieties.....	3 00
	Second best .....	2 00
892	Best collection of Pears.....	3 00
	Second best .....	2 00
893	Best collection of Peaches.....	3 00
	Second best .....	2 00
894	Best collection of Plums .....	3 00
	Second best .....	2 00

895	Best Early Grapes, not less than 4 bunches .....	\$ 3 00
	Second best.....	2 00
896	Best 3 varieties of Late Grapes, for table use, not less than 3 bunches each.....	3 00
	Second best .....	2 00
897	Best 3 varieties of Wine Grapes, not less than 3 bunches each .....	3 00
	Second best .....	2 00
898	Best display of Grapes.....	4 00
	Second best .....	3 00
899	Best 8 varieties of Apples for Southern Illinois.....	6 00
	Second best .....	4 00
900	Best 8 varieties of Apples for Central Illinois .....	6 00
	Second best .....	4 00
901	Best 8 varieties of Apples for Northern Illinois.....	6 00
	Second best .....	4 00

**CLASS I—Arts.****JOHN P. REYNOLDS, Superintendent.**

1. The name of the artist, if known, must be attached to all specimens of Sculpture, Painting, Drawing, etc.
2. All articles entered for exhibition must be in place not later than 4 o'clock P. M., Saturday, September 24, 1887.
3. Entries will positively close Saturday, September 24, 1887, at 6 o'clock P. M.
4. No article on exhibition can be removed until the close of the Fair, except upon the written permission of the President.
5. Awarding Committees will report for duty Tuesday, at 10 o'clock A. M., September 27, 1887.

**Lot 117—Fine Art.**

902	Best Portrait in Oil, from life.....	\$10 00
	Second best.....	5 00
903	Best Landscape in Oil, from nature..	10 00
	Second best.....	5 00
904	Best Marine in Oil, from nature.....	5 00
	Second best.....	3 00
905	Best Still Life in Oil, from nature....	5 00
	Second best.....	3 00
906	Best Animal Painting in Oil, from nature .....	5 00
	Second best.....	3 00
907	Best Flower Painting in Oil, from nature.....	5 00
	Second best.....	3 00
908	Best Fruit Painting in Oil, from nature.....	5 00
	Second best.....	3 00
909	Best Game or Fish Painting in Oil, from nature.....	5 00
	Second best.....	3 00
910	Best Water-Color Portrait, from life.	5 00
	Second best.....	3 00
911	Best Landscape in Water-Colors, from nature .....	5 00
	Second best.....	3 00
912	Best Flower Painting in Water-Colors from nature.....	5 00
	Second best.....	3 00
913	Best Crayon Portrait, from life.....	5 00
	Second best.....	3 00
914	Best Sketch from nature (crayon, charcoal or pencil).....	4 00
	Second best.....	2 00
915	Best and largest collection of Oil Paintings .....	20 00
	Second best.....	10 00

916	Best specimen of Modeling (bust or figure) in clay, plaster or marble..	\$10 00
	Second best.....	5 00
917	Best specimen of Modeling, in <i>relievo</i> work in clay, plaster or marble..	10 00
	Second best.....	5 00

**Lot 118—Decorative Art.**

918	Best collection Ornamental Tile for mantel .....	\$5 00
	Second best.....	3 00
919	Best Painted Tile.....	5 00
	Second best.....	3 00
920	Best Umbrella Stand.....	5 00
	Second best.....	3 00
921	Best Landscape on China.....	5 00
	Second best.....	3 00
922	Best Fruit Painting on China.....	5 00
	Second best.....	3 00
923	Best Figure Painting on China.....	5 00
	Second best.....	3 00
924	Best Fish or Animal Painting on China.....	5 00
	Second best.....	3 00
925	Best Flower Painting on China.....	5 00
	Second best.....	3 00
926	Best Painted Dinner Set on China....	12 00
	Second best.....	6 00
927	Best Painted Tea Set on China.....	8 00
	Second best.....	4 00
928	Best Figure Painting on Pottery.....	5 00
	Second best.....	3 00
929	Best Painted Plaque in Pottery.....	5 00
	Second best.....	3 00
930	Best Animal Painting on Pottery....	3 00
	Second best.....	2 00



931	Best Flower or Fruit Painting on Pottery.....	\$3 00	942	Best Painted Toilet Set.....	\$3 00
	Second best.....	2 00		Second best.....	2 00
932	Best Landscape Painting on Pottery.....	3 00	943	Best Painted Splasher.....	3 00
	Second best.....	2 00		Second best.....	2 00
933	Best Fish Painting on Pottery.....	3 00	944	Best Painted Stand Cover .....	3 00
	Second best.....	2 00		Second best.....	2 00
934	Best and largest display of Pottery..	10 00	945	Best Lustre Painting.....	3 00
	Second best.....	5 00		Second best.....	2 00
935	Best specimen of Wood Carving.....	5 00	946	Best Etching on Linen.....	3 00
	Second best.....	3 00		Second best.....	2 00
936	Best specimen Repoussé Work.....	5 00	947	Best Monochromatic Painting on Fabric.....	3 00
	Second best.....	3 00		Second best.....	2 00
937	Best Tapestry Painting.....	3 00	948	Best Painting on Satin.....	3 00
	Second best.....	2 00		Second best.....	2 00
938	Best Painted Fire Screen.....	3 00	949	Best Painting on Velvet.....	3 00
	Second best.....	2 00		Second best.....	2 00
939	Best Painted Sofa Pillow.....	3 00	950	Best Painting on Plush.....	3 00
	Second best.....	2 00		Second best.....	2 00
940	Best Painted Tidy.....	3 00	951	Best Kensington Painting.....	3 00
	Second best.....	2 00		Second best.....	2 00
941	Best Painted Lambrequin.....	3 00	952	Best Painting on Bolting Cloth.....	3 00
	Second best.....	2 00		Second best.....	2 00

## CLASS K—Textile Fabrics.

M. A. MORSE, Superintendent.

1. All articles in this class must be the handiwork of the exhibitor, and must have been manufactured within two years, unless otherwise noted.

2. The words "best display" refer in the first place to quality, and in the second place to quantity.

3. Under the general head of Embroidery are included Monograms, Cushions, Handkerchief Boxes, Glove Boxes, Wall Pockets, Suspenders, Letter Cases, Paper Receptacles, Tidies embroidered on different styles of canvas or otherwise, Dressing Cases, and all articles which shall be exclusively Embroidery. Each kind must compete with its kind. Silk embroidery cannot compete with worsted embroidery,

4. The committees are instructed not to award premiums unless the articles are deemed worthy of merit, or to articles borrowed or purchased for competition, or to those incorrectly named.

5. Articles in this class will be examined Tuesday, September 27, 1887, commencing promptly at 9 o'clock A. M.

6. Articles entered for exhibition must be in place not later than 5 o'clock P. M., Saturday, September 24, 1887.

7. Entries positively close Saturday, September 24, 1887, at 6 o'clock P. M.

8. No article on exhibition can be removed until the close of the Fair, except upon the written permission of the President.

### Lot 119—Manufactured Goods.

953	Best display of Woolen Goods .....	Dip.
954	Best display of Mixed Cotton and Wool.....	Dip.
955	Best display of Cotton Goods.....	Dip.
956	Best display of Linen Goods.....	Dip.
957	Best display of Carpets.....	Dip.
958	Best display of Quilts .....	Dip.
959	Best display of Blankets .....	Dip.
960	Best display of Knit Goods.....	Dip.
961	Best display of Silk Goods .....	Dip.
962	Best display of Men's Clothing.....	Dip.
963	Best display of Ladies' Dresses.....	Dip.
964	Best display of Gloves and Mittens..	Dip.
965	Best display of Fur Carriage Robes.	Dip.
966	Best display of Society Regalia .....	Dip.
967	Best display of Dress Goods.....	Dip.
968	Best display of Millinery.....	Dip.
969	Best display of Ladies' Furs .....	Dip.

### Lot 120—Hand-Made Goods.

970	Best Foot Mat.....	\$3 00
	Second best .....	2 00
971	Best Hearth Rug—Wool.....	3 00
	Second best .....	2 00

972	Best Hearth Rug—Rags.....	\$3 00
	Second best .....	2 00
973	Best Carriage Mat .....	3 00
	Second best .....	2 00
974	Best Lady's Dress .....	3 00
	Second best .....	2 00
975	Best Child's Dress .....	3 00
	Second best .....	2 00
976	Best Suit Boy's Clothes.....	3 00
	Second best .....	2 00
977	Best Hand Made Shirt.....	3 00
	Second best .....	2 00
978	Best Machine Made Shirt.....	2 00
	Second best .....	1 00
979	Best pair of Lady's Stockings.....	2 00
	Second best .....	1 00
980	Best pair of Men's Socks.....	2 00
	Second best .....	1 00
981	Best pair of Mittens—Wool .....	2 00
	Second best .....	1 00
982	Best pair of Mittens—Silk.....	2 00
	Second best .....	1 00
983	Best collection of Knitting—Socks and Stockings.....	3 00
	Second best .....	2 00
984	Best Knitted Wool Lace.....	2 00
	Second best .....	1 00



985	Best Knitted Cotton Lace .....	\$2 00
	Second best .....	1 00
986	Best Knitted Silk Lace .....	2 00
	Second best .....	1 00
987	Best collection of Fancy Knitting, embracing Laces, Fancy Mit- tens, etc .....	3 00
	Second best .....	2 00
988	Best sample Plain Sewing, embrac- ing different Stitches, Tucking, Hemming, Felling, Gathering, and Seaming .....	3 00
	Second best .....	1 00
989	Best made Night Dress .....	2 00
	Second best .....	1 00
990	Best made Chemise .....	2 00
	Second best .....	1 00
991	Best specimen of Darning and Re- pairing .....	2 00
	Second best .....	1 00
992	Best Kitchen Apron .....	2 00
	Second best .....	1 00

### Lot 121—Quilts and Patchwork.

993	Best Silk Quilt .....	\$ 4 00
	Second best .....	2 00
994	Best Silk Quilt—Embroidered .....	4 00
	Second best .....	2 00
995	Best Japanese or Crazy Silk Quilt ..	4 00
	Second best .....	2 00
996	Best Silk Crib Quilt .....	3 00
	Second best .....	2 00
997	Best Cotton Crib Quilt .....	2 00
	Second best .....	1 00
998	Best Cotton Patchwork Quilt .....	3 00
	Second best .....	2 00
999	Best Worsted Patchwork Quilt .....	3 00
	Second best .....	2 00
1000	Best Quilt made by lady over 60 years old .....	4 00
	Second best .....	2 00
1001	Best Knitted Cotton Spread .....	3 00
	Second best .....	2 00
1002	Best Crochet Spread .....	3 00
	Second best .....	2 00
1003	Best Silk Comforter .....	3 00
	Second best .....	2 00
1004	Best Worsted Comforter .....	3 00
	Second best .....	2 00
1005	Best Specimen Quilting .....	2 00
	Second best .....	1 00
1006	Best Japanese or Patchwork Sofa Pillow .....	2 00
	Second best .....	1 00

### Lot 122—Ornamental Needle Work.

1007	Best specimen Braiding .....	\$ 3 00
	Second best .....	2 00
1008	Best Drawn-work .....	3 00
	Second best .....	2 00
1009	Best Silk Embroidery .....	3 00
	Second best .....	2 00
1010	Best Worsted Embroidery .....	3 00
	Second best .....	2 00
1011	Best Cotton Embroidery .....	3 00
	Second best .....	2 00
1012	Best Linen Embroidery .....	3 00
	Second best .....	2 00
1013	Best Ribbon Embroidery .....	2 00
	Second best .....	1 00
1014	Best Gold Embroidery .....	3 00
	Second best .....	2 00
1015	Best Applique Embroidery .....	3 00
	Second best .....	2 00
1016	Best Plush Embroidery .....	3 00
	Second best .....	2 00
1017	Best Embroidered Fire Screen .....	3 00
	Second best .....	2 00
1018	Best Infant's Shawl, Embroidered ..	3 00
	Second best .....	2 00
1019	Best Kensington Embroidery, silk ..	4 00
	Second best .....	2 00
1020	Best Kensington Embroidery, wors- ted .....	4 00
	Second best .....	2 00

1021	Best Arrasene Embroidery, silk .....	\$4 00
	Second best .....	2 00
1022	Best Chair Cover, back and seat .....	5 00
	Second best .....	3 00
1023	Best Cover for Ottoman or Foot Rest .....	5 00
	Second best .....	3 00
1024	Best Sofa Pillow .....	5 00
	Second best .....	3 00
1025	Best Carriage Afghan .....	8 00
	Second best .....	4 00
1026	Best Infant's Afghan .....	4 00
	Second best .....	2 00
1027	Best Infant's Robe .....	4 00
	Second best .....	2 00
1028	Best Infant's Skirt, embroidered ..	3 00
	Second best .....	2 00
1029	Best Toilet Set, embroidered .....	5 00
	Second best .....	3 00
1030	Best Chair Stripe .....	3 00
	Second best .....	2 00
1031	Best Pillow Case or Sham .....	4 00
	Second best .....	2 00
1032	Best Worsted Tapestry Work .....	5 00
	Second best .....	3 00
1033	Best Japanese Tidy .....	3 00
	Second best .....	2 00
1034	Best Embroidered Silk Tidy .....	3 00
	Second best .....	2 00
1035	Best Chenille Embroidery .....	5 00
	Second best .....	3 00
1036	Best Lambrequin for Window .....	3 00
	Second best .....	2 00
1037	Best Lambrequin for Mantel .....	3 00
	Second best .....	2 00
1038	Best Embroidered Piano Cover .....	4 00
	Second best .....	2 00
1039	Best Embroidered Table Cover .....	4 00
	Second best .....	2 00
1040	Best Table Scarf .....	3 00
	Second best .....	2 00
1041	Best Lap Robe .....	3 00
	Second best .....	2 00
1042	Best specimen Darned Net .....	3 00
	Second best .....	2 00
1043	Best Etching in Silk .....	3 00
	Second best .....	2 00
1044	Best Etching in Cotton .....	3 00
	Second best .....	2 00

### Lot 123—Fancy Work.

1045	Best specimen Honiton Lace .....	\$3 00
	Second best .....	2 00
1046	Best specimen Applique Lace .....	3 00
	Second best .....	2 00
1047	Best specimen Point Lace .....	3 00
	Second best .....	2 00
1048	Best specimen Guipure Lace .....	3 00
	Second best .....	2 00
1049	Best specimen Macrame Lace .....	3 00
	Second best .....	2 00
1050	Best Lamp Mat .....	2 00
	Second best .....	1 00
1051	Best Darning Bag .....	2 00
	Second best .....	1 00
1052	Best Slipper Case .....	3 00
	Second best .....	2 00
1053	Best Comb Case .....	2 00
	Second best .....	1 00
1054	Best Tidy in Cotton .....	3 00
	Second best .....	2 00
1055	Best Fancy Tidy, any material .....	3 00
	Second best .....	2 00
1056	Best Crochet Work in Worsted .....	3 00
	Second best .....	2 00
1057	Best Crochet Work in Cotton .....	3 00
	Second best .....	2 00
1058	Best Toilet Cushion .....	2 00
	Second best .....	1 00
1059	Best Work Basket .....	2 00
	Second best .....	1 00
1060	Best Infant's Basket .....	2 00
	Second best .....	1 00
1061	Best Scrap Basket .....	2 00
	Second best .....	1 00



1062	Best Wash-Stand Set.....	\$3 00
	Second best.....	2 00
1063	Handsomest Whisk-Broom Holder.....	2 00
	Second best.....	1 00
1064	Best Crochet Work with Novelty Braid.....	3 00
	Second best.....	2 00

**Lot 124—Display of Ladies' Work.**

After premiums are awarded in other lots, exhibitors will be allowed to assist in placing their articles in proper position, where they will be acted upon by a committee who has not served in the other lots in this class.

- 1065 The best display of Fancy Needle and Ornamental Work (excepting Quilts) by one person.

First premium.....	\$25 00
Second premium.....	15 00
Third premium.....	10 00
Fourth premium.....	5 00

- 1066 Best display of Laces made by one person.....\$10 00  
Second best..... 5 00

NOTE.—Space will be assigned to Sewing Machine Companies, or their agent, for the exhibition of their work. No premiums awarded.

**Lot 125—Silk Culture.**

- 1067 Best display of Silk raised in Illinois, including cocoons, spun silk, silk thread, work with cocoons, etc..\$10 00  
Second best..... 5 00

**CLASS L—Education and Science.**

**J. HARLEY BRADLEY, Superintendent.**

**ILLINOIS PUBLIC SCHOOL EXHIBIT.**

**GENERAL DIRECTIONS.**

1. All work must be written with pen and ink (except that pencil work will be taken from graded schools, first and second years, and in drawing) upon legal cap or paper 9 by 11 inches. A margin of  $1\frac{1}{4}$  inches must be left for binding and a margin of  $\frac{1}{4}$  of an inch on the right, and the exercise should be written within the marginal lines. The paper should be written on one side only.

Papers entered for each premium, except sweepstakes premiums, must be securely bound by themselves with a cover, upon which shall be stated the lot and the number of the premium for which they are entered. If they are also entered for sweepstakes premiums, put on the cover "Entered for Sweepstakes." Put also on the cover the number of the district, or name of the school, the township and county from which the papers come, and the name and postoffice address of the teacher.

A copy of the questions answered, and text translated, must be bound with each set of papers. Each set of papers entered for one premium must be the work of three different pupils, from the same school, in each branch.

Except as otherwise directed below, each paper must contain the answers to ten questions.

2. Each pupil should write at the beginning of his papers his name, age, postoffice, the date of preparing the paper and the name of his teacher.

3. It is expected that the preparation of the above papers will be conducted in the same manner as a written examination—the pupils to have no previous knowledge of the questions given and to receive no assistance during the writing, and that all papers entered for one premium will be prepared at the same time, except that more time may be taken for the drawing and penmanship papers entered for the sweepstakes for all schools.

4. All books and papers touching upon the subjects in examination must be removed from the pupils; dictionaries must not be consulted. All communication between pupils must be forbidden and prevented during an examination. All erasures should be made by drawing the pen across the words or lines to be erased. No changes of any kind should be made in the manuscripts of the pupils as they are left at the close of the examination.

5. All work in Mathematics must be given in full, as simple answers will not be considered.

6. All papers for this exhibition from country schools may be sent as soon as prepared, and no later than July 1st, to M. Moore, Champaign, Ill.; from graded schools to John H. Tear, Delavan, Ill., not later than June 25th; and all work from high schools must be sent to E. R. Boyer, Champaign, Ill., not later than June 15th, and they will see that they are properly entered at the Fair.

7. For further information address the Secretary of the State Board of Agriculture. Schools in all portions of the State are earnestly solicited to send in specimens of work done by their pupils during the year.

8. All work designed for exhibition at the State Fair should be sent as noted above.

**Lot 156 (A)—Graded School Exhibit.**

1068	Best First year work.....	Dip.	and	\$5 00
	Second best.....			3 00
1069	Best Second year work.....	Dip.	and	5 00
	Second best.....			3 00
1070	Best Third year work.....	Dip.	and	5 00
	Second best.....			3 00
1071	Best Fourth year work.....	Dip.	and	5 00
	Second best.....			3 00
1072	Best Fifth year work.....	Dip.	and	5 00
	Second best.....			3 00
1073	Best Sixth year work.....	Dip.	and	5 00
	Second best.....			3 00
1074	Best Seventh year work.....	Dip.	and	5 00
	Second best.....			3 00
1075	Best Eighth year work.....	Dip.	and	5 00
	Second best.....			3 00

**SWEEPSTAKES.**

1076	Best exhibit by one system of graded schools, 1st grade to 8th inclusive....	Dip.	and	\$10 00
	Second best.....			5 00
	Third best.....			3 00
1077	Best set of three papers, one page each of writing, from as many pupils of each grade of the same system of graded schools.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1078	Best five maps from 5 pupils of one school.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1079	Best work in book-keeping from the pupils of one school.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1080	To the Superintendent of Schools of the town or city making the best exhibit of work entered for premiums 1068-1076 in Lot 126 (A).....			Diploma.
1081	Best display of Kindergarten work from one school.....	Dip.	and	10 00
	Second best.....			5 00

**DRAWING AND INDUSTRIAL.**

1082	Best set of free-hand drawings from outline copy, consisting of five from each grade below the sixth grade, and by as many different pupils.....	Dip.	and	\$10 00
	Second best.....			5 00
	Third best.....			3 00
1083	Best set of object drawings with pencil, consisting of five from each grade below the sixth grade, and by as many different pupils.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1084	Best set of object drawings with pencil, consisting of five from each grade above the fifth grade, and by as many different pupils.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1085	Best set of construction drawings (mechanical or architectural), consisting of five from each grade above the fifth grade, and by as many different pupils.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1086	Best set of original designs in black and white, consisting of five from each grade above the fifth grade, and from as many different pupils.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1087	Best wood-work; such as planing, sawing, joining, carving, etc., as shown in articles useful and ornamental.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1088	Best modeling in clay or plaster; such as relief forms of continents, countries, mountains, leaves, flowers, fruit, animals or parts of animals, tiles, designs for architectural ornaments.....	Dip.	and	10 00
	Second best.....			5 00
1089	Best Essay on the "Agricultural Resources of Illinois".....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00

**Lot 127 (B)—Country School Exhibit.****PRIMARY PUPILS.—(First and Second Reader.)**

1090	Best Writing.....	Diploma and	\$5 00
	Second best.....		3 00
1091	Best Spelling.....	Dip. and	5 00
	Second best..		3 00
1092	Best Language.....	Dip. and	5 00
	Second best.....		3 00
1093	Best Number.....	Dip. and	5 00
	Second best.....		3 00



## INTERMEDIATE PUPILS—(Third and Fourth Reader.)

1094	Best Writing and Letters.....	Dip.	and	\$5 00
	Second best.....			3 00
1095	Best Spelling.....	Dip.	and	5 00
	Second best.....			3 00
1096	Best Language.....	Dip.	and	5 00
	Second best.....			3 00
1097	Best Arithmetic.....	Dip.	and	5 00
	Second best.....			3 00
1098	Best Geography.....	Dip.	and	5 00
	Second best.....			3 00

## ADVANCED PUPILS.—(Fifth Reader.)

1099	Best Writing and Business Forms.....	Dip.	and	\$5 00
	Second best.....			3 00
1100	Best Spelling.....	Dip.	and	5 00
	Second best.....			3 00
1101	Best Language or Grammar.....	Dip.	and	5 00
	Second best.....			3 00
1102	Best Arithmetic.....	Dip.	and	5 00
	Second best.....			3 00
1103	Best Geography and History.....	Dip.	and	5 00
	Second best.....			3 00
1104	Best Physiology.....	Dip.	and	5 00
	Second best.....			3 00

## SWEEPSTAKES.

1105	Best exhibit by one country school of all work in Nos. 1090-1103, inclusive, under Lot 127 (B).....	Dip.	and	\$10 00
	Second best.....			5 00
	Third best.....			3 00
1106	Best exhibit of six papers of Writing, one page each from as many pupils, representing two primary, two intermediate, and two advanced pupils.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1107	Best exhibit of six papers, two each from Nos. 1092 and 1096 and 1101, under Lot 127 (B).....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1108	Best set of five Maps of Illinois, from as many pupils of the same school.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1109	Best set of five County Maps, from as many pupils of the same school.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1110	Best set of five Pencil Drawings, from as many pupils of one school.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1111	Best set of five Crayon Drawings from as many pupils of the same school.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1112	Best work in Book-keeping from three pupils of one school.....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1113	Best Essay on the "Agricultural Resources of Illinois".....	Dip.	and	10 00
	Second best.....			5 00
	Third best.....			3 00
1114	To the County Superintendent of Schools of the County making the best exhibit.....			Diploma.

## Lot 128 (C)—High School Exhibit.

## LANGUAGES.

## LATIN—First Year.

1115	First Premium—To the school presenting the best three papers in Latin from pupils who have pursued the study not more than one school year, the work to consist of the translation of ten average sentences taken from Cæsar, with questions on Syntax, Moods and Tenses; also the translation into Latin of five average sentences based on Cæsar.....	Dip.	and	\$5 00
	Second best.....			3 00

## LATIN—Second Year.

1116	First Premium—To the school presenting the best three papers in Latin, the work to consist of the translations from the 1st Book of Cæsar, with questions on Moods, Tenses and the Military System of the Romans; also of the translation into Latin of an average passage taken from Cæsar.....	Dip.	and	\$5 00
	Second best.....			3 00

## GREEK.

- 1117 First Premium—To the school presenting the best three papers in Greek, the work to consist of the translation of average passages from the first five chapters of the Anabasis, with questions on Syntax and History; also of the translation into Greek of sentences taken from the first five lessons of Jones' Greek Prose.....Dip. and \$5 00  
 Second best ..... 3 00

## GERMAN.

- 1118 To the school presenting the best three papers in German, the work to consist of translations from Schiller's "Jungfrau von Orleans," with grammatical questions, and translation from English to German, of at least one-half manuscript page.....Dip. and \$5 00  
 Second premium..... 3 00

## MATHEMATICS.

- 1119 Elementary Algebra, including work through Quadratics—best three papers from pupils who have not pursued the study more than one school year.....Dip. and \$5 00  
 Second premium..... 3 00  
 1120 Plane Geometry, best three papers.....Dip. and 5 00  
 Second premium..... 3 00

## SCIENCES.

- 1121 Physiology, best three papers.....Dip. and \$5 00  
 Second premium..... 3 00  
 1122 Botany, best three papers.....Dip. and 5 00  
 Second premium..... 3 00  
 1123 Natural Philosophy, best three papers.....Dip. and 5 00  
 Second premium..... 3 00  
 1124 Best three papers in English Literature, accompanied by three essays germane to the study, and which shall have been written while the class was pursuing the subject.....Dip. and 5 00  
 Second premium ..... 3 00

## ESSAYS.

- 1125 For the best three essays on miscellaneous subjects, said essays to have been prepared by the pupils of the school in connection with the regular work of the school.....Dip. and \$5 00  
 Second premium..... 3 00

## CIVIL GOVERNMENT.

- 1126 For the best three papers on Civil Government.....Dip. and \$5 00  
 Second premium..... 3 00

## BOOK-KEEPING.

- 1127 For best three papers on Double entry Book-keeping.....Dip. and \$5 00  
 Second premium..... 3 00

## SWEEPSTAKES.

- 1128 To the high school whose papers in at least six of the foregoing subjects, said subjects to be designated when the papers are sent, shall receive the highest general average mark.....Dip. and \$10 00  
 Second premium..... 5 00  
 1129 To the high school whose papers presented in ten of the above named studies, receive the highest average mark.....Dip. and 10 00  
 1130 Best five maps from as many pupils of one school.....Dip. and 10 00  
 Second best..... 5 00  
 Third best..... 3 00

## DRAWING AND INDUSTRIAL.

- 1131 Best set of five free-hand drawings with peneil, from as many pupils of the same school.....Dip. and \$10 00  
 Second best..... 5 00  
 1132 Best set of five perspective drawings, from as many pupils of the same school.....Dip. and 10 00  
 Second best..... 5 00  
 1133 Best set of five construction drawings (mechanical or architectural), from as many pupils of the same school.....Dip. and 10 00  
 Second best..... 5 00  
 1134 Best set of five original designs (in black and white or in color), from as many pupils of the same school.....Dip. and 10 00  
 Second best..... 5 00  
 1135 Best wood-work, such as planing, sawing, mortising, tenoning, dove-tailing, turning, carving, pattern-making; as exercises, as finished articles, or both.....Dip. and 10 00  
 Second best..... 5 00



1136	Best forge-work in iron and steel, such as bending, drawing out, upsetting, welding, tempering; as exercises, as finished tools or both.....	Dip.	and	\$10 00
	Second best.....			5 00
1137	Best machine-shop work, such as chipping, filing, seraping, fitting, drilling, planing, turning, screw-fitting; as exercises, as finished tools or machines or both.....	Dip.	and	10 00
	Second best.....			5 00
1138	Best essay on "Manual Training in the Public Schools".....	Dip.	and	10 00
	Second best.....			5 00

**Lot 129—Commercial Penmanship.**

No premium will be awarded in this lot, but every facility will be afforded for exhibition.

1139	Exhibit Business Penmanship from a Commercial College.
1140	Exhibit Ornamental Penmanship from a Commercial College.
1141	Pen Drawing.
1142	Pen Lettering.
1143	Course in General Book-keeping.
1144	Course in Farm Book-keeping.

**Natural History, Etc.**

**J. HARLEY BRADLEY, Superintendent.**

**Lot 130—Taxidermy, Mineralogy and Conchology.**

1145	Best collection of Minerals and Fossils.....	\$50 00
	Second best.....	20 00
1146	Best collection Illinois Birds and Mammals of not less than 50 species, to be shown by the taxidermist.....	40 00
	Second best.....	20 00
1147	Best collection illustrating the Conchology of Illinois, not less than 100 species.....	20 00
	Second best.....	10 00
1148	Best display of Mound Relics.....	50 00
	Second best.....	20 00

**Lot 131—Entomology, Etc.**

1149	Best collection of Insects.....	\$30 00
	Second best.....	15 00
1150	Best collection of the Woods of Illinois, not less than 75 varieties...	20 00
	Second best.....	10 00
1151	Best collection representing the Botany of Illinois.....	20 00
	Second best.....	10 00

**Lot 132—Musical Instruments.**

1152	Violin.
1153	Bass and Tenor Drum.
1154	Pipe Organ.
1155	Reed Organ.
1156	Grand or Semi-Grand Pianoforte.
1157	Violoncello.
1158	Flute.
1159	Clarionet and Guitar.
1160	Boudoir Piano.
1161	Square Piano.
1162	Brass Band Instruments.
1163	Cornet.

**Lot 133—Printing, Engraving, Etc.**

1164	Best specimen Lithography.....	S. M.
1165	Best Engraving, Copper-plate.....	S. M.
1166	Best Engraving, Wood Cut.....	S. M.

1167	Best Wood Carving.....	\$10 00
	Second best.....	5 00
1168	Best sample White Wax-work.....	2 00
	Second best.....	1 00
1169	Best sample Colored Wax-work.....	2 00
	Second best.....	1 00
1170	Best sample Work in Hair.....	2 00
	Second best.....	1 00
1171	Best imitation of Fruit.....	2 00
	Second best.....	1 00
1172	Best Agricultural Wreath.....	2 00
	Second best.....	1 00
1173	Best Shell Work.....	2 00
	Second best.....	1 00
1174	Best sample of Ornamental Work with Indelible Ornamenting Fluid	2 00
	Second best.....	1 00

**Lot 134—Photography, Etc.**

No premium awarded in this lot, but every facility afforded for exhibition.

Articles must be entered and cards obtained from the Secretary before space will be assigned.

1175	Plain Photograph.
1176	Photograph in India Ink.
1177	Photograph in Water Colors.
1178	Photograph in Oil.
1179	Collection of 12 or more Stereoscopic Views.
1180	Hand Crayon Work.
1181	Solar Print Crayon Work.
1182	Contact Photograph, not less than 11x14 inches.
1183	Collection of 12 or more Cabinet or Panel Photographs.
1184	Display Photographic Work.

**Lot 135—Architectural and Mechanical Drawings.**

1185	Best drawing, plan and specifications for Rural Residence, cost not to exceed one thousand dollars.....	\$15 00
	Second best.....	10 00

1186	Best drawing, plan and specifications for Rural Residence, cost not to exceed twenty-five hundred dollars.....Dip. and	\$15 00
	Second best.....	10 00
1187	Best drawing, plan and specifications for Farm Barn, cost not to exceed five hundred dollars.....Dip. and	5 00
	Second best.....	3 00
1188	Best drawing, plan and specifications for Farm Barn, cost not to exceed one thousand dollars....Dip. and	10 00
	Second best.....	5 00
1189	Best drawing, plan and specifications for Farm Barn, cost not to exceed twenty-five hundred dollars.....Dip. and	15 00
	Second best.....	10 00
1190	Best drawing, plan and specifications for Farm House and Out-buildings, to include dwelling house, dairy, poultry house and hog house; the economy and construction and grouping, with special reference to convenience, to be considered.....Dip. and	\$20 00
	Second best.....	10 00
1191	Best drawing, plan and specifications for District School House, having reference to heating and ventilation.....	Dip.
1192	Best collection of architectural and mechanical drawings...Dip. and	20 00
1193	Best exhibition of work from any Manual Training School in Illinois.....Dip. and	20 00

## CLASS M—Agricultural Implements.

### B. PULLEN, Superintendent.

1. All articles must be entered and entry cards obtained from the Secretary before Saturday, September 24, 1887.
2. No space will be assigned exhibitors in this department prior to Monday, September 19, 1887, at 10 o'clock A. M., from which time the Superintendent will be present or represented at the Fair Grounds daily until the exhibits are located.
3. No premium will be awarded in this class, but every facility afforded for exhibition.
4. Exhibitors will be furnished fuel and water.
5. Articles entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.
6. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.
7. No article can be removed until the close of the Fair, except upon the written permission of the President.

#### Lot 136—Engines, Pumps, Etc.

- 1194 Portable Farm Engine.
- 1195 Traction Steam Engine.
- 1196 Steam Boiler and Safety Gauge.
- 1197 Garden Engine.
- 1198 Steaming Apparatus for cooking food for stock.
- 1199 Evaporator and Apparatus for making syrup and sugar.
- 1200 Horse Power for general farm purposes.
- 1201 Hay and Stock Scales.
- 1202 Pump for Well.
- 1203 Pump for Cistern.
- 1204 Water Elevator other than pump.
- 1205 Iron Fence and Gate.
- 1206 Gate for farm use.
- 1207 Portable Fence.

#### Lot 137—Mills, Machines, Etc.

- 1208 Cotton Gin.
- 1209 Cotton Gin and Condenser.
- 1210 Power Loom.
- 1211 Flour Bolt.
- 1212 Flour Packer.
- 1213 Mortising Machine.
- 1214 Tenoning Machine.
- 1215 Sash Machine.
- 1216 Spoke-dressing Machine.
- 1217 Wood-sawing Machine.
- 1218 Planing Machine.
- 1219 Lathe Machine.
- 1220 Shingle Machine.
- 1221 Stave Machine.

- 1222 Cordage Machine.
- 1223 Cider Mill and Press.
- 1224 Corn and Cob Mill.
- 1225 Hominy and Pearling Mill.
- 1226 Machine for making Brick.
- 1227 Machine for making Drain Tile.
- 1228 Machine for opening ditch for Drain Tile.
- 1229 Machine for laying Drain Tile.
- 1230 Ditching Machine.
- 1231 Road-making Machine.
- 1232 Portable Grist Mill for farm use.
- 1233 Portable Mill for shelling and grinding corn.
- 1234 Mill for Crushing Sugar Cane.
- 1235 Portable Saw-Mill and Engine for Lumber.
- 1236 Well-boring Machine.
- 1237 Display of Flower Pots.
- 1238 Assorted Drain Tile (100).

#### Lot 138—Vehicles.

- 1239 Display of two-seated Carriages.
- 1240 Display of Buggies.
- 1241 Two-horse Carriages.
- 1242 Top Buggy.
- 1243 Open Buggy.
- 1244 Sulky.
- 1245 Skeleton Wagon.
- 1246 Barouche.
- 1247 Two-horse Wagon.
- 1248 Spring Wagon.
- 1249 One-horse Cart.
- 1250 Ox Cart.
- 1251 Wheelbarrow.



**Lot 139—Grain Harvesters, Etc.**

1252	Reaper.
1253	Dropper.
1254	Self-rake Reaper.
1255	Combined Reaper and Mower
1256	Harvester and Binder.
1257	Grain Binder (wire).
1258	Grain Binder (twine).
1259	Grain Header.
1260	Thresher.
1261	Separator.
1262	Grain Register.
1263	Grain Drill.
1264	Fanning Mill.
1265	Model for Ventilating Grain Bin.

**Lot 140—Haying Machinery, Etc.**

1266	Mower.
1267	Hay Tedder.
1268	Horse Hay Rake.
1269	Hay Loader.
1270	Hay Gatherer.
1271	Hay Ricker.
1272	Horse Hay Fork.
1273	Horse Hay Derrick for stacking.
1274	Hay Elevator and Carrier for moving hay in barn.
1275	Portable Hay Press.
1276	Stationary Hay Press.

1277	Feed Cutter.
1278	Hay and Straw Cutter.
1279	Clover Huller and Thresher.
1280	Seed Sower.
1281	Broadcast Seed Sower.
1282	Mower Knife-Grinder.

**Lot 141—Planters, Plows, Etc.**

1283	Corn Planter.
1284	Corn Drill.
1285	Check Rower.
1286	Cultivator.
1287	Riding Cultivator.
1288	Corn-stalk Cutter.
1289	Hand Corn Sheller.
1290	Power Corn Sheller.
1291	Corn Harvester.
1292	Walking Plow.
1293	Sulky Plow.
1294	Gang Plow.
1295	Pulverizer.
1296	Harrow.
1297	Roller.
1298	Potato Planter.
1299	Potato Digger.
1300	Root and Vegetable Cutter.
1301	Cotton Seed Planter.
1302	Wind Mill.
1303	Capstan.
1304	Road Scraper.
1305	Hedge Trimmer.

**CLASS N—Dairy.****E. E. CHESTER, Superintendent.**

1. All articles must be entered and cards obtained from the Secretary before space will be assigned.
2. No premiums, except as noted, will be awarded in this class, but every facility will be afforded for exhibition.
3. Articles entered for exhibition shall be in place not later than 9 o'clock A. M., Monday, September 26, 1887.
4. Entries close Saturday, September 24, 1887, at 6 o'clock P. M.

**Lot 142—Butter and Cheese.**

1306	Best 10 pounds Dairy Butter .....	\$10 00
	Second best .....	5 00
1307	Best 50 pounds Creamery Butter ...	10 00
	Second best .....	5 00
1308	Best 5 pounds Print Butter .....	10 00
	Second best .....	5 00
1309	Best sample of Butter in above lots	15 00
1310	Best case of Flat Cheese .....	10 00
	Second best .....	5 00
1311	Best case of Cheddar Cheese .....	10 00
	Second best .....	5 00

1312	Best Young America Cheese .....	\$10 00
	Second best .....	5 00
1313	Best sample of Cheese in above lots	15 00

**Lot 143—Dairy Implements.**

1314	Display of Cream-raising Implements.
1315	Display of Butter-making Utensils.
1316	Display of Cheese-making Utensils.
1317	Display of Machinery for Dairy use.
1318	Display of Butter and Cheese Packages.
1319	Display of Butter and Cheese Color.
1320	Display of Dairy Salt.

# Programme for Week of State Fair.

COMMENCING SATURDAY, SEPT. 24, 1887.

Members of Awarding Committees (excepting Live Stock), are requested to report for duty to the Superintendents of their respective Departments, at 9 o'clock A. M., Monday, September 26, 1887.

Live Stock committeemen will report for duty the day they are to serve, as indicated in the following programme.

A section of the amphitheatre has been assigned for the use of members of the Awarding Committees, when not on duty.

## GRAND CAVALCADE.

Premium animals and other live stock, portable engines and machinery, will be exhibited in front of the amphitheatre, at 1:30 o'clock P. M., each day during the Fair Week, under the supervision of the Marshal of the Ring, assisted by the several Superintendents of Departments, who will have charge of their respective sections of the procession.

## Saturday—First Day.

Arrangements of stock and articles for exhibition on the Fair Grounds and in the Exhibition Halls.

### Monday—Second Day—9 o'clock A. M.

#### CLASS A—CATTLE.

PAGE.		PAGE.	
Lot 7. Devon.....	19	Lot 22. Ayrshire.....	21

#### CLASS B—HORSES.

Lot 36.	Boys' Equestrianism.....	25	Lot 43.	Belgian .....	31
Lot 37.	Ponies .....	25	Lot 53.	Jacks, Jennets and Mules.....	33

### Tuesday—Third Day—9 o'clock A. M.

#### CLASS A—CATTLE.

Lot 10.	Polled Angus.....	20	Lot 8.	Devon Herds.....	20
Lot 16.	Holstein—Friesian.....	20	Lot 23.	Ayrshire Herds.....	21
Lot 19.	Jersey .....	20			

#### CLASS B—HORSES.

Lot 25.	Thoroughbred .....	24	Lot 51.	Horses for All Work.....	32
Lot 28½.	Standard Trotters.....	23	Lot 44.	Belgian—Sweepstakes .....	31
Lot 31.	Carriage or Coach Horses.....	25	Lot 54.	Jacks, Jennets and Mules—Sweepstakes.....	33
Lot 49.	Grade Draft.....	32			

#### SPEED—2 o'clock P. M.

Lot 38.	Trotting Race—3-year olds.....	28	Lot 38.	Trotting Race — Stallions — three-minute class.....	30
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### Wednesday—Fourth Day—9 o'clock A. M.

#### CLASS A—CATTLE.

Lot 1.	Short-Horn....	19	Lot 20.	Jersey Herds.....	21
Lot 4.	Hereford.....	19	Lot 9.	Devon—Sweepstakes .....	20
Lot 11.	Polled Angus Herds.....	20	Lot 24.	Ayrshire—Sweepstakes.....	21
Lot 17.	Holstein-Friesian Herds.....	20			

#### CLASS B—HORSES.

Lot 27.	Roadsters.....	24	Lot 39.	French Draft.....	31
Lot 29.	Cleveland Bay.....	24	Lot 45.	Clydesdale.....	32
Lot 26.	Thoroughbred—Sweepstakes .....	24	Lot 50.	Grade Draft—Sweepstakes.....	32
Lot 32.	Carriage or Coach—Sweepstakes ...	25	Lot 52.	Horses for All Work—Sweepstakes.....	33

#### SPEED—2 o'clock P. M.

Lot 38.	Trotting Race—4-year olds.....	28	Lot 38.	Trotting Race—2-year olds.....	29
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### Thursday—Fifth Day—9 o'clock A. M.

#### CLASS A—CATTLE.

Lot 2.	Short-Horn Herds....	19	Lot 15.	Beef Cattle—young herds.....	20
Lot 5.	Hereford Herds.....	19	Lot 18.	Holstein-Friesian—Sweepstakes....	20
Lot 14.	Beef Cattle—Sweepstakes—Herd... ..	20	Lot 21.	Jersey—Sweepstakes .....	21

#### CLASS B—HORSES.

Lot 28.	Roadster—Sweepstakes.....	24	Lot 41.	Percheron .....	31
Lot 30.	Cleveland Bay—Sweepstakes.....	25	Lot 47.	English Shire.....	32
Lot 33.	Saddle Horses .....	25	Lot 40.	French Draft—Sweepstakes.....	31
Lot 34.	Carriage Horses.....	25			

#### SPEED—2 o'clock P. M.

Lot 38.	Trotting Race—5-year olds.....	28	Lot 38.	Running Race—2-year olds....	30
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### Friday—Sixth Day—9 o'clock A. M.

#### CLASS A—CATTLE.

Lot 3.	Short-Horn—Sweepstakes.....	19	Lot 12.	Polled Angus—Sweepstakes.....	20
Lot 6.	Hereford—Sweepstakes .....	19	Lot 13.	Beef Breeds, by ages.....	20

#### CLASS B—HORSES.

Lot 35.	Gentlemen's Driving Horses.....	25	Lot 46.	Clydesdale—Sweepstakes.....	32
Lot 33.	Saddle Horses—Sweepstakes.....	25	Lot 48.	English Shire—Sweepstakes.....	32
Lot 42.	Percheron—Sweepstakes.....	31			

#### SPEED—2 o'clock P. M.

Lot 38.	Running Race—3 year olds or over.....	30			
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COUNTIES.	PLACE OF FAIR.	TIME.	PRESIDENT.	SECRETARY.
Logan.....	Lincoln.....	Aug. 29-Sept. 2	Fred. Dittins.....	H. Sherman.
".....	Atlanta.....	Sept. 6-9	Ed. Stubblefield.....	J. P. Hieronymus.
Macon.....	".....	No Fair	".....	".....
Maeoupin.....	Carlinville.....	Sept. 6-9	D. S. Macknet.....	Geo. J. Castle.
Madison.....	".....	No Fair	".....	".....
Marion.....	Centralia.....	Sept. 13-17	R. E. Tate.....	S. A. Frazier.
".....	Salem.....	Oct. 4-7	A. Coffin.....	Jos. Schwartz.
Marshall.....	Wenona.....	Sept. 12-16	Sam'l Dorsey.....	Geo. G. McAdam.
Mason.....	".....	No Fair	".....	".....
Massac.....	Metropolis.....	Oct. 11-14	B. C. Willis.....	T. S. Stone.
McDonough.....	Macomb.....	Sept. 6-9	W. O. Blaisdell.....	W. H. Hainline.
".....	Bushnell.....	No Fair	".....	".....
McHenry.....	Marengo.....	Sept. 6-9	Lester Barber.....	N. V. Wobben.
".....	Woodstock.....	Sept. 20-23	Thomas McD. Richards.....	A. S. Wright.
McLean.....	Bloomington.....	Aug. 30-Sept. 2	Sylvester Peasley.....	George D. Deem.
".....	Saybrook.....	No Fair	".....	".....
Menard.....	Petersburg.....	Sept. 6-9	G. M. Spears.....	H. A. Wood.
Mercer.....	Aledo.....	Sept. 20-23	J. E. Bay.....	J. A. Goding.
Montgomery.....	Hillsboro.....	Sept. 13-16	Amos Miller.....	Wm. K. Jackson.
Morgan.....	".....	No Fair	".....	".....
Moultrie.....	Sullivan.....	Sept. 27-30	Wm. Stocking.....	J. T. Higginbotham.
Ogle.....	Rochelle.....	Sept. 13-16	Simon Sheaf.....	Geo. E. Turkington.
".....	Oregon.....	Sept. 20-23	G. L. Weatherwax.....	James C. Fesler.
Peoria.....	French Grove.....	Sept. 6-8	Sam'l Gordon.....	R. C. Davis.
".....	Dunlap.....	Sept. 13-15	W. L. McCandless.....	Thomas Keady.
Perry.....	Pineknayville.....	Oct. 4-7	Jesse W. Warner.....	Chas. D. Kane.
Platt.....	Monticello.....	Aug. 15-19	E. F. Binns.....	C. A. Tatman.
Pike.....	Pittsfield.....	Sept. 6-9	James R. Steagoll.....	Geo. Barber.
Pope.....	Golconda.....	Oct. 5-8	".....	Harry Clanahan.
Pulaski.....	".....	No Fair	".....	".....
Putnam.....	Chester.....	No Fair	Wm. A. Gordon.....	Thomas Gant.
Randolph.....	Sparta.....	Oct. 18-21	".....	".....
".....	Olney.....	No Fair	Samuel Dysart.....	Chas. F. Mills.
Riehlard.....	Port Byron.....	State Fair, Sept. 24-30	Henry Sadoris.....	A. Sadoris.
Roek Island.....	Harrisburg.....	Sept. 14-16	Wm. G. Sloan.....	W. A. McHaney.
Saline.....	".....	Sept. 13-16	J. J. Jones.....	C. M. Westbrook.
".....	Eldorado.....	Aug. 23-26	".....	".....
Sanganon.....	".....	No Fair	Mark Bogue.....	John S. Bagby.
Schuyler.....	Rushville.....	Aug. 16-19	".....	".....
Scott.....	".....	No Fair	Jno. A. Tackett.....	Geo. A. Roberts.
Shelby.....	Shelbyville.....	Sept. 20-24	Henry Colwell.....	Jas. Nowlan.
Stark.....	Toulon.....	Sept. 20-23	E. H. Mallory.....	S. F. Otnan.
".....	Wyoming.....	Sept. 13-16	J. H. Atkinson.....	Don Turner.
St. Clair.....	Belleville.....	Oct. 11-14	".....	".....
Stephenson.....	".....	No Fair	".....	".....
Tazewell.....	Mackinaw.....	Aug. 30-Sept. 2	J. W. Crabb.....	R. V. Howe.
".....	Delavan.....	Sept. 12-16	Robt. Reishaner.....	H. M. Gillmore.
Union.....	Anna.....	Aug. 30-Sept. 2	Wm. Sharpe.....	M. V. Eaves.
".....	Jonesboro.....	Sept. 13-16	Henry Davis.....	Thomas J. Watkins.
Vermilion.....	Catlin.....	Sept. 13-16	James A. Cunningham.....	W. T. Squires.
".....	Hoopeston.....	Aug. 22-26	W. I. Moore.....	Dale Wallace.
Wabash.....	Danville.....	Sept. 5-10	G. M. Knapp.....	V. L. Hawkes.
Warren.....	Mt. Carmel.....	Sept. 7-9	Jesse W. Bond.....	J. E. Seiler.
Washington.....	Monmouth.....	Sept. 13-16	".....	Geo. C. Rankin.
Wayne.....	".....	No Fair	".....	".....
White.....	Carmi.....	No Fair	Elois Stinnett.....	Frank E. Pomeroy.
Whiteside.....	Albany.....	Sept. 6-10	B. Kearns.....	D. S. Efner.
".....	Morrison.....	Aug. 30-Sept. 2	C. I. Parker.....	J. N. Baird.
".....	Sterling.....	Sept. 6-9	R. McNeil.....	A. Bayless.
Will.....	".....	No time fixed.	".....	".....
".....	".....	No Fair	".....	".....



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# PREMIUM LIST

FOR THE

TENTH ANNUAL

## American Fat Stock Show,

THE

## THIRD AMERICAN DAIRY SHOW,

THE

## SECOND • AMERICAN • HORSE • SHOW

AND THE

## AMERICAN POULTRY SHOW.

TO BE HELD IN THE

## Exposition Building, Chicago,

NOVEMBER 8-18, 1887.

UNDER THE AUSPICES OF

## The Illinois State Board of Agriculture.

---

BRING THIS LIST WITH YOU TO THE SHOW.

# Illinois State Board of Agriculture.

## OFFICERS.

President, SAMUEL DYSART, Franklin Grove.

Secretary, CHAS. F. MILLS, Springfield.

Ex-President, JOHN LANDRIGAN, Albion.

Treasurer, JOHN W. BUNN, Springfield.

Chief Clerk, W. C. GARRARD, Springfield.

## VICE-PRESIDENTS.

1st Dist.—J. IRVING PEARCE, Chicago.  
2d Dist.—J. HARLEY BRADLEY, Chicago.  
3d Dist.—M. A. MORSE, Chicago.  
4th Dist.—JOHN P. REYNOLDS, Chicago.  
5th Dist.—GEORGE REED, Belvidere.  
6th Dist.—GEORGE S. HASKELL, Rockford.  
7th Dist.—SIMON ELLIOTT, Princeton.  
8th Dist.—E. C. LEWIS, Ottawa.  
9th Dist.—JOHN VIRGIN, Fairbury.  
10th Dist.—D. W. VITNUM, Jr., Canton.

11th Dist.—E. B. DAVID, Aledo.  
12th Dist.—ALLAN C. RUSH, Perry.  
13th Dist.—J. W. JUDY, Tallula.  
14th Dist.—LAFAYETTE FUNK, Shirley.  
15th Dist.—E. E. CHESTER, Champaign.  
16th Dist.—JOSEPH SKEAVINGTON, Albion.  
17th Dist.—DAVID GORE, Carlinville.  
18th Dist.—D. B. GILLHAM, Upper Alton.  
19th Dist.—B. PULLEN, Centralia.  
20th Dist.—J. M. WASHBURN, Carterville.

## EXHIBITIONS • 1887.

ILLINOIS STATE FAIR—Olney, September 24-30.

AMERICAN FAT STOCK SHOW—Chicago, November 8-18.

AMERICAN DAIRY SHOW—Chicago, November 8-18.

AMERICAN HORSE SHOW—Chicago, November 8-18.

AMERICAN POULTRY SHOW—Chicago, November 8-18.

## SUPERINTENDENTS OF DEPARTMENTS AND COMMITTEES.

Class A—Cattle—Mr. Funk.

Class B—Horses, other than draft, including speed—Mr. Lewis

Class B—Horses, draft—Mr. Gore.

Class C—Sheep—Mr. Rush.

Class D—Hogs—Mr. Elliott.

Class E—Poultry—Mr. Reed.

Class F—Mechanics—Mr. David.

Class G—Farm Products—Mr. Skeavington.

Class H—Horticulture—Mr. Haskell.

Class I—Fine Arts—Mr. Reynolds.

Class K—Textile Fabrics—Mr. Morse.

Class L—Science and Education—Mr. Bradley.

Class M—Farm Machinery—Mr. Pullen.

Class N—Dairy—Mr. Chester.

Marshal of Ring—Mr. Judy.

Superintendent of Grounds—Mr. Virgin.

Superintendent of Forage and Stalls—Mr. Vitnum.

Superintendent of Permits and Privileges—Mr. Gillham.

Superintendent of Purchasing Department—Mr. Landrigan.

Superintendent of Gates and Tickets—Mr. Pearce.

Superintendent of Bureau of Information—Mr. David.

Auditor—Mr. Washburn.

Committee on Reception, Fair—Messrs. Dysart, Landrigan, Gillham, Reynolds, Lewis, Pearce, Haskell and Bradley.

Committee on Arrangement, Fair—Messrs. Dysart, Landrigan, Gillham, Virgin, Reynolds, Vitnum, Chester, Pullen, Haskell, Skeavington, Funk, Pearce, Elliott, Lewis, Gore and Mills.

Committee on Printing—Messrs. Haskell, Dysart, Morse, David and Mills.

Committee on Arrangement, Fat Stock Show—Messrs. Dysart, Landrigan, Virgin, Gillham, Funk, Washburn, Gore, Vitnum, Lewis, Reynolds, Chester, Elliott, Morse, Pearce and Mills.

Committee on Crop Reports—Messrs. Gore, Gillham, David and Mills.

Committee on Finance—Messrs. Pearce, Gore, Lewis, Chester and Reynolds.

Committee on Transportation—Messrs. Pearce, Vitnum, Funk and Mills.

Committee on Library—Messrs. David, Haskell, Judy and Mills.

Committee on Museum—Messrs. Reynolds, Gillham, Washburn and Mills.

Committee on Agricultural and Industrial Education—Messrs. Gillham, Washburn, Gore, Bradley and Reed.

Horticulture—Pullen, Reynolds and Morse.

Highways—Gore, Landrigan and Lewis.

Dairy—Chester, Reed and Bradley.

Fertilizers—Judy, Gillham and Elliott.

Drainage—Washburn, Chester and Funk.

Forestry—Lewis, Rush and Vitnum.

Institute Meetings—Pearce, Gillham and Chester.

Signal Service—Skeavington, Reed and David.

Legislation—Funk, Gore, Haskell, Judy and Mills.

Jury on Pedigrees—Class A—Messrs. Funk, Judy, Skeavington, Chester and Mills.

Jury on Pedigrees—Class B—Messrs. Landrigan, Lewis, Virgin, Morse and Mills.



# Tenth Annual American Fat Stock Show.

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This exhibition has for its object the encouragement of the most economical production of the best quality of meat.

The large premiums offered and the emulation among breeders and feeders attract in large numbers, each succeeding year, to the American Fat Stock Show the choicest specimens of meat-producing animals to be found on either continent.

The live stock entered for competition at this Show most creditably represents the best breeders of England, Scotland, Canada and the United States.

The admirable arrangements provided for the exhibition of stock cannot fail to meet the approval of all who may attend. The large attendance from year to year of the ladies and the best classes of people, especially those that consume the highest priced meats, indicates that some of the many advantages of the Show are becoming more fully understood and appreciated by consumers of the best quality of meats. The unsurpassed facilities afforded the public for examining the live animals and determining the quality of meat of the same when slaughtered, are more fully appreciated at each succeeding Show by the thousands of intelligent consumers that attend the Show for the purpose of information in these important matters.

---

## THIRD ANNUAL AMERICAN DAIRY SHOW.

The extent of the display of dairy products and appliances, as well as the uniform excellence of the butter and cheese exhibited, attests the enterprise and skill of the dairymen residing in the wide extent of territory represented annually at this Show. All interested will have an excellent opportunity for the examination of the most approved appliances and obtaining information concerning the methods adopted by the practical and successful dairymen in the country.

---

## SECOND ANNUAL AMERICAN HORSE SHOW.

The south half of the Exposition Building has been admirably arranged for the exhibition of horses, and all the space has been secured by the leading horsemen of the country. There will be a large and attractive exhibit of the various breeds of riding, driving and draft horses, which will be shown to the best advantage in the large ring provided for that purpose in the Exposition Building.

---

## AMERICAN POULTRY SHOW.

If large and attractive collections of Poultry, Pet Stock, etc., such as have been displayed the past two seasons at the Fat Stock Shows, can be "brought out" without premiums, it is believed that the handsome premiums offered for exhibits made at the American Poultry Show of 1887 will ensure a much more extensive and creditable exhibition.

These exhibitions will be open to the public day and evening (except Sunday) from 9 o'clock A. M., Tuesday, November 8th, 1887, until 10 o'clock P. M., Friday, November 18th, 1887.

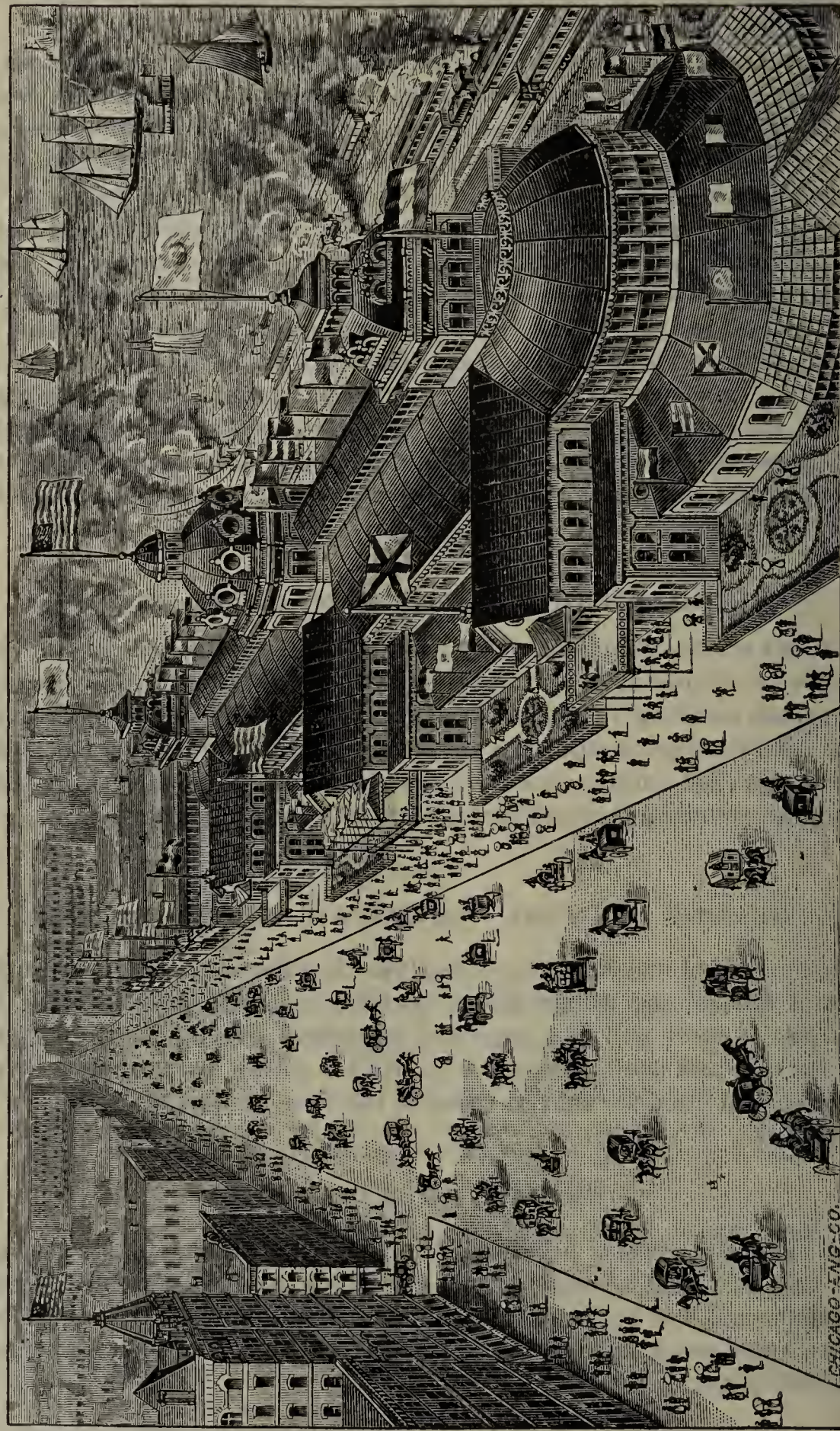
CHARLES F. MILLS, *Secretary*,  
SPRINGFIELD, ILLINOIS.



AMERICAN FAT STOCK, HORSE, DAIRY AND POULTRY SHOWS,

HELD NOVEMBER 8-18, 1887.

HELD NOVEMBER 8-18, 1887.



IN THE INTER-STATE INDUSTRIAL EXPOSITION BUILDING, CHICAGO, ILL.



TENTH ANNUAL  
American Fat Stock Show,  
THE  
THIRD AMERICAN DAIRY SHOW,  
THE  
Second American Horse Show,  
AND THE  
AMERICAN POULTRY SHOW.

---

The Exhibitions will be open to the public on Tuesday, November 8, at 9 o'clock A. M., and will continue, day and evening, until Friday, November 18, at 10 P. M.

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## GENERAL RULES AND REGULATIONS

FOR THE SHOWS OF 1887.

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The Exposition Building will be open for the reception of stock on Friday, November 4, and until Tuesday night, November 8, 1887.

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### Entry of Exhibits.

1. Entries must be made on or before November 1, 1887, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered. Exhibitors will find their entry cards and exhibitors' ticket ready for them at the office of the Secretary, at the Exposition Building, the first day of the Show. The following fees will be charged, and must accompany the application for entry: For each horse or steer, \$2.00; for each sheep or hog, \$1.00; for each bird, 25 cents. Stalls will be assigned by the Superintendent of Stalls only upon the certificate of the Secretary that the fees therefor have been paid.

2. Each exhibitor must purchase an exhibitor's ticket before making entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the Building on the ticket that entitles the firm to compete, and in no case will such ticket be transferable. Members of the competing firm may purchase exhibitor's tickets at \$1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

3. On the entry of each animal or article, a card will be furnished the exhibitor specifying the class, the number of the lot, and the number of the entry, which card must remain attached to the animal or article during the exhibition, except in Classes C, D and E, where the cards should be attached to the pen or coop.

4. All statements of facts required by exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all pure-bred classes, recorded pedigrees, or such as are eligible to record, attested by the Secretaries of the respective pedigree records, must be furnished at the time of entry. Statements showing date of birth, and the proportion of improved blood, so far as known, in each animal exhibited in lots for grades and crosses, must be furnished at time of entry.

5. No animal or article will be entitled to a place in the Building until the entry shall have been made as above, except in case of emergency, and then at the discretion of the Superintendent of the Department.

6. All State and public institutions shall be allowed to exhibit, but shall not be permitted to compete for premiums.

### Rules Applicable to Animals.

1. Exhibitors of animals must place their names and addresses and the name of the particular breed to which each animal belongs, and its age, in a conspicuous place in their respective stalls or pens. Animals of the same breeds shall be grouped together by the Superintendent of Forage and Stalls and the Superintendents of Classes C and D, as far as practicable. It is the duty of the Superintendent of Stalls to see that this rule is enforced.

2. Any person who shall enter stock or occupy a stall or pen therewith, and shall fail to show in the class entered, shall be required to pay a penalty of not less than \$10.00, and the stock so entered shall not be removed from the Building until such fine be paid. The Superintendents of Forage and of Classes A, B, C and D shall be a committee to determine whether such stock shall have been properly exhibited, and their decision shall be final.

3. All competing animals shall be exhibited and paraded in the ring at the discretion of the superintendents, and any exhibitor failing to comply with this rule will forfeit any premium awarded his stock. No animals shall be decorated with any unnecessary trappings, etc., during the examination by the Awarding Committee.

4. Every animal must be entered for competition in the name of the owner, but such names shall not appear on the entry card.

5. The age of horses and foals, except in lots for draft breeds, will be reckoned from January 1st, and in case of draft breeds the age shall be reckoned from date of birth.

6. A single animal may be exhibited as one of a herd or pair, but shall not otherwise be entered in more than one lot. Draft horses can be entered and shown only in one lot and in sweepstakes rings for said lot.

7. The age of the animal, except as noted, shall be determined from the date advertised in the programme for exhibiting the same.

8. Only animals awarded first prizes in class rings are eligible to compete in the sweepstakes rings, and only animals awarded sweepstakes prizes, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prizes.

9. The Superintendents of Classes A, B, C and D shall exclude stock from all competition, should there be unnecessary or embarrassing delay on the part of the exhibitors in bringing animals into the show ring.

10. Stubble-shorn sheep, or those with fleeces artificially colored, will be excluded from competition.



11. All sheep must have been properly sheared on or after the first day of April, 1887.

12. When on exhibition in the ring, each animal in Classes A, B and C must be under bridle or halter, and in charge of owner or employe, except as noted.

13. Animals affected by, or having been exposed to, any contagious disease during the thirty days next preceding the Show will be excluded from the Building.

14. All stock exhibited in breeding rings must be in breeding condition, and evidence must be produced, if required, that they are breeders. All male animals shown in any breeding ring must be entire, and no animal shall be considered which is affected with any chronic disease, deformity or serious imperfection.

15. In case of any outbreak of any contagious or infectious disease among domestic animals, making it advisable for the public safety that such stock should not be exhibited, the Board reserves the right, in case of such an emergency, to withdraw the premiums therefor, by giving the public notice of such action, at any time.

16. The Superintendent of Forage and Stalls will determine the quantity of bedding to be furnished for the use of each exhibitor.

17. No animal or article on exhibition can be removed from the Building until the close of the Show, except animals affected with disease, and upon such occasions only upon the written permission of the President.

18. In no case shall the gain per day be computed or reported, unless the exact age of the animal shall be verified by the affidavit of the owner or of some creditable party. All statements of facts required of exhibitors in making their entries, such as age, pedigree, etc., must be verified by affidavit.

19. The animals for slaughter will be killed, dressed and weighed under direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor and subject to owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds to be paid to the respective owners. Arrangements will be provided for cooling the carcasses of animals slaughtered.

20. Animals will be examined, previous to the opening of the Show, by the Veterinary Surgeon.

21. Animals entered for competition in Class A—Cattle—will be examined as to age by a committee consisting of an experienced and practical veterinary surgeon and two practical and experienced feeders.

22. Stock must be in stalls or pens in the Exposition Building, Chicago, as above required in order that they may be weighed, numbered and catalogued, previous to the opening of the Show.

23. Cattle must be well halter-broken; and vicious animals will not be admitted to the Building.

24. The animals to be slaughtered will be placed in charge of the Superintendents of the Departments in which they are entered, Tuesday morning of the Show, in order that they may receive the same feed and care until the day of the slaughter.

25. Butcher's stock only will be eligible to compete for premiums in Classes A, C and D, and animals that are to be used hereafter for breeding purposes will be excluded from competition in these classes.

### Duties and Privileges of Exhibitors.

1. Exhibitors will at all times give the necessary personal attention to whatever they may have on exhibition, and at the close of the Show take entire charge of the same. The hour of closing will be announced by the Marshal of the Ring.



2. Diligence will be used by the officers of the Board to prevent injury to or loss of animals or articles on exhibition, but the Board will not be responsible for any loss or damage to animals or articles, or injury to persons, that may occur.

3. Objections to a person serving as a member of an awarding committee must be submitted to the Superintendent in writing, prior to making any award, giving good and sufficient reasons therefor. The Superintendent receiving such objections, if deeming them worthy of consideration, shall report the same to the President, who, with the Superintendent, shall constitute a committee to fill the vacancy.

4. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of the Department before the examination of the protested animal or article by the awarding committee is concluded, and a written statement, verified by affidavit, setting forth the reasons for protesting, must be filed with the Secretary on the day the animal or article is exhibited. Provided the protest will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee. In all cases where protests are made, if the Board shall be satisfied that they are instigated by improper or malicious motives the Board shall exclude the party protesting from exhibiting for two years or more thereafter. In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal or article shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue. In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of fraud, which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

5. Any exhibitor attempting to interfere with the judges during their adjudication will be promptly excluded from competition.

6. Any exhibitor who tears off a premium ribbon, or authorizes another person to do so, in the presence of the Awarding Committee, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition.

#### Awarding Committees.

1. Members of Awarding Committees will commence examinations on Wednesday, November 9, at nine o'clock A. M., and continue until awards are completed.

2. Committeemen, before entering upon their duties, shall pass a satisfactory examination before the Board as to their qualification. If, after examination, the Superintendent becomes satisfied of the incompetency of the committeemen, he shall, without delay, report the fact to the President, who shall convene the Committee of Arrangements for such action as may be necessary.

3. No person shall act as judge in any lot in which he may be interested as an exhibitor, agent or employe of an exhibitor, or otherwise.

4. All awards shall be made by ballot and without consultation, if there be more than one member of the committee. The Awarding Committees, except where otherwise specified, shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals, pens, herds, or articles voted for shall receive the premium.

5. The awards of premiums by committees shall be confined to entries of animals or articles named in the Premium List, and authorized special or individual



prizes, which in all cases must be duplicates as to classification of regular premiums. The committee shall, however, examine all animals or articles entered and shown as "miscellaneous," and when any such animals or articles are deemed sufficiently meritorious, they may recommend their suitable recognition by the Board, in which cases the committee shall enter on the books, and in a special report give, if necessary, their reasons in full for such recommendations. Such reports of Awarding Committees shall be returned to the Secretary, by the Superintendent, and shall be acted upon by the Board, at its discretion, at the annual meeting next following the Show, and the Secretary shall, at an early day thereafter, notify the parties interested, of the action taken.

6. No animal or article deemed unworthy shall be awarded a premium ; but no premium shall be withheld merely because there is no competition. The Awarding Committee may award any grade of premium, according to the merit of the animal or article.

7. Symmetry, size, early maturity and general characteristics of each of the several breeds of animals exhibited in breeding rings will be considered, and proper allowance made for age, feeding and other circumstances.

8. Should any doubt arise as to the regularity of entry, or any other important matter which the committee feel incompetent to decide, they shall at once report the same to the Superintendent of the Department for decision, which, when made, shall be final.

9. Awarding Committees are instructed, that if they shall have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for two or more years.

10. Decisions of awarding committees shall be final, and no appeal will be considered, except in case of protest.

11. The judges are instructed to award premiums in classes A, C and D, to such animals as present the greatest weight in the smallest superficies, taking into consideration age, the quality of flesh and its distribution in the most valuable portions of the carcass.

12. Judges, in making awards, will consider only animals in good condition for slaughtering, in classes A, C and D, and awards of premiums in regular rings shall carry the corresponding special premiums offered thereon.

## OFFICERS, SUPERINTENDENTS, COMMITTEES.

### Designation of Officers.

The Officers and Superintendents of Departments will be designated by badges with their official position engraved thereon.

Assistants will wear ribbons with their Department printed thereon.

An Assistant Superintendent will not be allowed to wear the badge of his Superintendent, except in his absence.

### General Superintendent.

1. The Superintendent of the Building will have charge of the police and fire department, and that portion of the amphitheatre assigned to the press and invited guests, and shall assign such number of policemen to the several departments as the Superintendents may require.



2. The Superintendent may lend any assistance in his power by way of information, direction and facilities for reaching the building, though neither he nor the Board will be, under any circumstances, responsible for transportation. He will direct exhibitors to proper departments in the building, and exercise a general supervision and preserve order and decorum. He will see that a proper supply of water for drinking purposes is provided and convenient of access, and will take charge of all public sales of stock or other articles during the Show.

3. A strong police force, under the direction of the General Superintendent assisted by a corps of detectives, will be on duty day and night.

### Superintendents of Departments.

1. Each Superintendent of a department will have the selection of his assistants and his committees, the arrangement and supervision of all articles or animals on exhibition in his department, and be responsible to the Board for the management of the same.

2. He shall call the attention of the Awarding Committee to the rules and conditions governing awards.

3. He will afford the Awarding Committee every facility for examination ; will affix the ribbons under the direction of the Committees ; shall have charge of the books ; and, when the awards are finished, return the books to the Auditor, who, after approval, shall return the same to the Secretary.

4. Great care must be taken to preserve the Awarding Committees' books, and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid on these entries.

5. Superintendents will be particular to observe the following rule :

BLUE RIBBONS are designed for the first premium.

RED RIBBONS for second premium.

WHITE RIBBONS for third premium.

Ribbons will be affixed at the time of the award, on all premium animals shown in the ring. Upon all other animals or articles the Superintendents of the several departments shall attach the ribbons as awarded by the committees, and they are *never* to be affixed to articles classed as Miscellaneous.

The green and yellow ribbons are designed for Miscellaneous articles, for which no premium can be awarded, except by the Board at a regular meeting—the green ribbon for highest commendation, and the yellow ribbon for high commendation.

6. Each award (and notice of protest, if any is made) must be written in a plain, careful manner by the Superintendent, in ink or indelible pencil, on blank page opposite the entry.

7. The books must be returned by the Superintendent of each Department to the Auditor, and by him to the Secretary, as soon as the awards in each are completed.

8. Each Superintendent is expected to exercise great care in preserving and returning the department books, as upon the entries of awards in them, and upon no other authority, can checks for premiums be drawn.

9. It shall be the duty of each Superintendent of Department to notify the General Superintendent as to the number of policemen required in his department before October 15, 1887 ; and on or before October 10, 1887, to inform the Chairman of the Committee on Transportation of the name and location of assistants and the routes they will take in going to the place of the Show.

10. It shall be his duty at the close of the Show, to make the Board a report in detail of his department, giving the general features of the same as to extent,



quality, variety, etc., and to make such suggestions for improvements as shall occur to him during the Show.

### Superintendent of Doors and Tickets.

The Superintendent of Doors and Tickets will have charge of the doors and ticket-takers. He will also furnish the Treasurer, Officers and all Superintendents with the necessary tickets for their departments, and collect and recount the same.

### Superintendent of Purchasing Department.

1. The Superintendent of the Purchasing Department shall make, on the requisitions of Superintendents, any necessary purchase of material (except forage) in connection with the Show, and obtain vouchers therefor, except for sums under five dollars, which may be paid upon his voucher, said voucher to give items in detail, with names and receipts of parties from whom purchased.

2. The Purchasing Agent shall have the custody of all personal property of the Board used in connection with the Show, and at the opening of the Show shall issue the same upon the requisition of the members of the Board.

3. Members of the Board at the close of the Show will return all such property to the Superintendent of the Purchasing Department, who will turn the same over to the Secretary, taking his receipt therefor.

### Superintendent of Permits and Privileges.

1. The Superintendent of Permits and Privileges will sell privileges for dining-halls, booths, stands, etc., for the Show.

2. No privileges will be granted for less than \$25, and payment must be made in advance for all permits issued for \$100 or less, and no permits will be granted for the sale of cheap jewelry, and no games of chance will be permitted in the building. No peddling will be allowed in the building.

### Forage and Stalls.

1. The Superintendents of Forage and Stalls and Classes C and D, will assign stalls and pens upon the certificate of the Secretary that the fees therefor are paid; provide the necessary supplies of forage, litter and water for stock on exhibition, and see to the proper distribution of the same.

2. The Superintendent of Stalls and Forage will designate the hours of delivery of feed, forage and bedding for animals on exhibition, which can be obtained on application to him at reasonable rates. He will see that stalls and pens and floors are cleaned each day during the continuance of the Show before eight o'clock A.M., and again between the hours of five and seven P.M., and that the aisles are kept clean during the hours of exhibition.

3. Stalls will be assigned only to *bona fide* exhibitors, and parties sub-letting stalls without permission of the Superintendent of Stalls will thereby forfeit the same, and such stalls will be subject to re-assignment.

4. Parties desiring stalls or pens for the exhibition of stock, must file their applications with the Secretary at Springfield prior to November 1, 1887. Blank applications for stalls will be furnished at any time, on which to specify the exhibitor's name and address, with name of breed of animals for which stalls are desired. Applications for stalls will not be considered unless accompanied with the fees, which are as follows:

For each horse or steer, \$2.00; for each hog or sheep, \$1.00.

Stalls used for feed or attendants furnished at same prices.



Parties contracting for stalls and not occupying the same on or before Saturday, November 5, will forfeit the fees paid, and the stalls will be subject to re-assignment. In case of unavoidable detention and failure to attend the Show, proper notice of such inability must be given the Superintendent of Stalls, prior to six o'clock P. M., on Saturday, November 5, otherwise the matter of returning the fees paid will not be considered. In case additional stalls have been constructed for the accommodation of applicants, and are not occupied by reason of failure of the party to attend the Show, the stall fees will not be returned.

5. Any person who shall enter stock, and occupy a stall or pen therewith, and shall fail to show the same in the class entered, shall be required to pay a penalty of not less than \$10 for each offense, and the stock so entered shall not be removed from the building until such fine be paid. The Superintendents of Forage and Stalls and of Classes A and B shall be a committee to determine whether such stock shall have been shown in good faith, and their decision shall be final.

### Marshal of the Ring.

1. The Marshal of the Ring will superintend the position and display of animals when brought into the ring, preserve order and properly enforce the rules of the Board in the amphitheatre and exhibition ring, announce the awards, and have the care and control of the amphitheatre, except that portion occupied by the press and invited guests.

2. No person will be allowed in the ring at the time of making the awards, except awarding committees, officers of the Board, persons especially invited, and owners or employes in care of stock.

3. The Marshal of the Ring will exclude all persons from the immediate vicinity of stock on exhibition in the ring, except the members of the acting awarding committees and persons in charge of the animals.

### Bureau of Information.

The Superintendent of the Bureau of Information will furnish visitors and exhibitors all possible information concerning the location of offices, departments, exhibits and places of interest in the Exhibition Building.

### Guests.

Delegates from other State Agricultural Organizations are cordially invited to attend this Show, and are respectfully requested to report to the President at his office, that they may receive suitable attention.

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## FINANCES.

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### Admission to Building.

1. All exhibitors must obtain their tickets of admission at the Secretary's office.

2. Exhibitor's ticket, entitling the purchaser to compete for every premium and be admitted to the building during the show, \$1.50.

### Visitors.

Tickets will be sold as noted below :

Ticket admitting one person.....	\$0 50
Ticket admitting child under twelve years of age.....	25



No person will be permitted to remain in the building over night, except those holding complimentary or exhibitors' tickets or permits, unless he has purchased tickets for the next day.

### Collection of Funds.

1. All officers and members of the Board receiving moneys of the Board, must promptly pay the same over to the Treasurer, taking his itemized receipt in duplicate therefor.

2. The party collecting and transferring the funds must, without unnecessary delay, forward the duplicate receipt of the Treasurer to the Secretary, who will credit the several accounts with the amounts named.

### Auditor.

1. Every payment of money shall be made by warrant of the Secretary upon the Treasurer, countersigned by the Auditor, and no such warrant shall be drawn by the Secretary except upon a voucher approved by the Auditor and receipted by the payee.

2. Said vouchers must be made in detail, in the name of the individual or firm rendering the service or furnishing the material, and certified by the member or committee on whose order the service or material was furnished, and before payment be properly receipted by the party entitled to the money.

3. All bills incurred on account of the Fat Stock Show must be presented to the Auditor within ten days after the close of the Show.

### Treasurer.

He shall receive from the Superintendent of Tickets such tickets as may be provided for by the Board, and give his receipt for the same as for money received, and shall superintend the sale of the same, under such rules as the Board may prescribe.

### Contracts for Labor and Material.

All contracts for labor and material required for the Fat Stock Show not made by the Purchasing Agent, shall be made in duplicate by the member or committee authorized to make the expenditure, the original copy to be given to the party contracted with, and the duplicate to be filed with the Auditor without delay.

### Payment of Premiums.

1. Premiums will be paid in cash except where otherwise noted. The medals will be well executed, appropriately engraved, and will be ready for delivery at the annual meeting of the Board.

2. After the awards are made, and the books returned by the Auditor to the Secretary, he will draw, and on application deliver to those entitled to them, checks on the Treasurer, countersigned by the Auditor, for the several amounts of cash premiums.

3. These checks must be endorsed, as they are payable to order—not to bearer—and on presentation to Treasurer, properly endorsed, will be paid.

4. Checks for premiums not applied for during Fair week, will be forwarded by the Secretary, on receipt of proper instructions, at any time within three months after the award.

Those not applied for within that time may be forfeited to the Board.

### Meetings of the Board.

1. Regular Meetings of the Board shall be held at the local headquarters of the President, at eight o'clock P.M., each evening during the Fat Stock Show, without notice to members.

2. Special meetings may be called by the President or any five members of the Board, jointly, of which due and timely notice shall be given to each member by the Secretary, and in which a majority of the Board shall be competent for the transaction of business.

3. In case of emergency, special meetings may be called by the President, the notice of which may be served on such members of the Board as it may be practicable to reach, the number notified and attending being not less than a majority of the Board, and at such meetings no business shall be transacted except by unanimous consent of those present.



APPLICATION FOR STALLS.

Application for Stalls or Pens must be filed with the Secretary, at Springfield, on or before November 1, 1887.

Attention of Exhibitors is invited to the following RULES relating to the Assignment and Occupation of Stalls:

HORSES.

The assignment of stalls for Horses will be only to the extent of the space at the disposition of the Committee of Arrangements. Owing to the limited space for horses in the Exposition Building, the Board reserves the right of returning stall fees after all the available stalls have been assigned. Provided, that animals not quartered in the Exposition Building shall be eligible to competition, other rules having been complied with.

Exhibitors are requested to make their entries as early as October 1, 1887, to enable the management to provide necessary accommodations.

No exhibitor will be given stalls for more than ten horses, unless additional stalls are at the disposal of the Superintendent of Stalls.

CATTLE, ETC.

Superintendents will assign stalls for Cattle and Horses, and pens for Hogs and Sheep, only upon the certificate of the Secretary that the fees therefor have been paid.

Parties desiring stalls and pens must file their applications with the Secretary, at Springfield, prior to November 1, 1887.

Applications will not be considered unless accompanied with the fees, which are as follows: For each Horse, Steer, Cow or Heifer, \$2.00; for each Sheep or Hog, \$1.00. Stalls used for feed or attendants furnished at same price. Parties contracting for stalls or pens and not occupying the same on or before Monday night of the opening day of the Show, will forfeit the fees paid, and the stalls will be subject to reassignment. In case of unavoidable detention and failure to attend the Show, proper notice of such inability must be given the Superintendent of Stalls prior to 6 o'clock P. M. on Saturday preceding the opening of the Show, otherwise the matter of returning the fees will not be considered.

In case additional stalls or pens have been constructed for the accommodation of applicants, and are not occupied by reason of failure of the party to attend the Show, the fees will not be returned.

NUMBER HEAD.	BREED OF ANIMALS.
..... Horses	.....
..... Cattle	.....
..... Hogs	.....
..... Sheep	.....
..... Poultry	.....

CHARLES F. MILLS, Secretary, Springfield, Ill.:

I hereby make application for the stalls, pens, etc., specified and on the conditions named above, and enclose herewith \$.....for.....Stalls and \$.....for.....Pens.

P. O..... Name.....  
.....1887.

SUPERINTENDENT:

This is to certify that the above application for stalls or pens has been noted on the books of this office and that the necessary remittance has been received.

Springfield, Ill.,.....Sec'y.

# TENTH ANNUAL AMERICAN FAT STOCK SHOW,

TO BE HELD IN

EXPOSITION BUILDING, CHICAGO, ILL., NOVEMBER 8 TO 18, 1887.

ENTRIES CLOSE NOVEMBER 1, 1887.

## ENTRIES.

1. *Entries must be made on or before November 1*, by application to the Secretary, at Springfield, who will furnish blank applications, on which to specify exhibitor's name and address, with name, description and PEDIGREE of the animal offered. (See other side of the blank).
2. In all thoroughbred classes, recorded pedigrees, or such as are eligible to record, must be furnished at time of entry. Statements showing, so far as known, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.
3. Application for stalls and pens must be sent to the Secretary prior to November 1, 1887. The following fees will be charged, and must accompany application for entries: For each horse, steer, cow or heifer, \$2; for each hog or sheep, \$1; for each fowl, chick, etc., 25 cents. Superintendents will assign stalls and pens only upon the certificate of the Secretary that the fees therefor have been paid.
4. Each exhibitor must purchase an *Exhibitor's Ticket* (Price \$1.50) when applying for entries—a firm being regarded as one exhibitor. A complimentary ticket does not entitle the owner to compete for premiums. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete. Members of a competing firm may purchase Exhibitor's Tickets at \$1.50 each. Application for entries, with P. O. money order for \$1.50, for *Season Ticket and prescribed fees for stalls*, should be sent by mail to the Secretary, at Springfield, on or before November 1, 1887.
5. Every animal must be entered for competition in the name of the owner.
6. In filling the application, insert only animals in the same class, using a separate blank each for cattle, sheep or hogs, giving the letter of the *class* and the number of the *lot* and *premium* in the columns for that purpose, and under the heading "Animal," give the exact wording of the premium entered for, to-wit: "Best Steer or Spayed Heifer 3 and under 4 years." "Best Barrow 12 and under 18 months," etc.; also name of each animal.
7. A pedigree for each animal entered must appear on the back of the application for entry.
8. *Animals affected by or having been exposed to any contagious disease during the thirty days next preceding the Show of 1887, will be excluded from the exhibition.*
9. Attention of exhibitors is invited to the General Rules governing entries, and Special Rules at the head of each class, as published in the Premium List of the Fat Stock Show. Exhibitors will find their Entry Cards and Exhibitor's Tickets at the office of the Secretary, Exposition Building, Chicago, the first day of the Show.

LETTER OF THE CLASS.	NO. OF THE LOT.	NO. OF PREMIUM.	NO. OF ENTRY.	ANIMAL.—Use the wording of the List.	NAME OF ANIMAL. (Each animal must have a name.)

CHAS. F. MILLS, Secretary: I make application to enter for the premiums named above, and enclose \$1.50 for Exhibitor's Ticket, \$.....for stalls, \$.....for pens,  
Total.....

(Exhibitor's name and P. O. address,)

NAME,.....P. O.,.....  
COUNTY,.....STATE,.....



**CLASS A—Cattle.**

LAFAYETTE FUNK, Superintendent.

The Exposition Building will be open for the reception of stock on Friday, the 4th day of November, 1887. Cattle must be in their stalls in the Exposition Building, Chicago, not later than Monday, November 7, 1887, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Stock must be well halter-broken, and vicious animals will not be admitted to the building, or if admitted, will be removed.

**SPECIAL RULES.**

1. All animals entered for competition in this class will be examined by a committee appointed by the President, and consisting of one experienced, practicing veterinary surgeon and two experienced feeders of cattle, and their apparent ages respectively reported by such committee to the Board, *prior to the time fixed for the commencement of work by the Awarding Committee of this class*; and all questions, discrepancies and protests, founded upon or arising out of allegations or facts relating to the ages of animals in this class, must and will be definitely settled by the final order of the Board previous to the time fixed for the commencement of work by the Awarding Committee.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each animal will be \$2.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at the time of entry. Statements showing date of birth, the proportion of improved blood, so far as known, in each animal exhibited in lots for grades or crosses, must be furnished at time of entry. Steers and spayed heifers compete together. Barren cows or heifers or Free Martins not eligible to competition.

6. Only animals awarded first prizes in Lots 1, 2, 3, 4, 5, 6, 7 and 8 are entitled to compete in Lots 9 and 10, and only animals awarded sweepstakes prizes in Lot 10, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 11. Animals awarded sweepstakes prizes in Lot 10, and the grand sweepstakes prize in Lot 11, will be slaughtered in competition for the prizes in Lot 14. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 16, Heaviest Fat Steer, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

9. Animals originally entered for competition in Lots 14 and 15, Carcasses, will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly under his direction. Animals not so entered, and which may by Rule 6 be eligible to compete for the prize in Lot 11, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

10. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of



the highest market value per pound. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners. Arrangements will be provided for cooling the carcasses of animals slaughtered.

11. Premium animals only will be measured.

See list of Special Premiums of cattle published elsewhere.

### Lot 1—Short-Horn.

1	Best Steer or Spayed Cow 3 and under 4 years .....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
2	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
3	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
4	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

### Lot 2—Hereford.

5	Best Steer or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
6	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
7	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
8	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

### Lot 3—Devon.

9	Best Steer or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
10	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
11	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
12	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

### Lot 4—Aberdeen-Angus.

13	Best Steer or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
14	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
15	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
16	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

### Lot 5—Holstein-Friesian.

17	Best Steer or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
18	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
19	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
20	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

### Lot 6—Other Beef Breeds.

(Not named above.)

21	Best Steer or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
22	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
23	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
24	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

### Lot 7—Grades and Crosses.

25	Best Steer or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
26	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
27	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
28	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

### Lot 8—Range Cattle.

29	Best Steer or Spayed [Cow 3 and under 4 years .....	\$30 00
	Second best .....	20 00
	Third best .....	10 00
30	Best Steer or Spayed Heifer 2 and under 3 years .....	30 00
	Second best .....	20 00
	Third best .....	10 00
31	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best .....	20 00
	Third best .....	10 00
32	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best .....	10 00



**Lot 9—All Breeds and Grades by Ages.**

33	Best Steer or Spayed Cow, 3 and under 4 years .....	\$50 00
34	Best Steer or Spayed Heifer, 2 and under 3 years .....	50 00
35	Best Steer or Spayed Heifer, 1 and under 2 years .....	50 00
36	Best Steer or Spayed Heifer, under 1 year old .....	50 00

**Lot 10—Sweepstakes.**

37	Best animal shown in Lot 1, Short-Horn .....	\$75 00
38	Best animal shown in Lot 2, Hereford .....	75 00
39	Best animal shown in Lot 3, Devon .....	75 00
40	Best animal shown in Lot 4, Aberdeen-Angus .....	75 00
41	Best animal shown in Lot 5, Holstein-Friesian .....	75 00
42	Best animal shown in Lot 6, Other Beef Breeds .....	75 00
43	Best animal shown in Lot 7, Grades and Crosses .....	75 00
44	Best animal shown in Lot 8, Range Cattle .....	75 00

**Lot 11—Grand Sweepstakes.**

45	Best Steer, Cow or Spayed Heifer in the Show .....	\$100 00
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**Lot 12—Herds.**

46	Best Short-Horn Herd to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer under 1 year old .....	\$100 00
47	Best Hereford Herd, to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer, under 1 year old .....	100 00
48	Best Devon Herd, to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer, under 1 year old .....	100 00
49	Best Aberdeen-Angus Herd to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer, under 1 year old .....	100 00
50	Best Holstein-Friesian Herd to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer, under 1 year old .....	100 00
51	Best Herd, Other Beef Breeds, to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer, under 1 year old .....	100 00
52	Best Herd Grades and Crosses to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer, under 1 year old .....	100 00

53	Best Herd Range Cattle, to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer, under 1 year old .....	100 00
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**Lot 13—Sweepstakes Herd.**

Entries to consist of the prize herds in Lot 12.

54	Best Herd in the Show .....	\$200 00
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**Lot 14—Dressed Carcass.**

55	Best Carcass of Steer or Spayed Cow, 3 and under 4 years .....	\$ 75 00
56	Best Carcass of Steer or Spayed Heifer, 2 and under 3 years .....	75 00
57	Best Carcass of Steer or Spayed Heifer, 1 and under 2 years .....	75 00
58	Carcass furnishing the largest per cent. of edible meat .....	75 00
59	Carcass furnishing the largest per cent. of net to gross weight .....	75 00

**Lot 15—Dressed Carcass—Sweepstakes.**

Only Carcasses awarded first prizes in 55, 56 and 57 entitled to compete.

60	Best Carcass of Steer or Spayed Heifer of any age .....	\$100 00
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**Lot 16—Heaviest Fat Steer.**

Open to all ages.

61	First premium .....	\$75 00
	Second premium .....	50 00
	Third premium .....	25 00

**Lot 17—Gain Per Day.**

Steer or Spayed Heifer showing the greatest average gain per day, including weight at birth.

62	Best Steer or Spayed Cow, 3 and under 4 years .....	\$50 00
	Second best .....	25 00
63	Best Steer or Spayed Heifer, 2 and under 3 years .....	50 00
	Second best .....	25 00
64	Best Steer or Spayed Heifer, 1 and under 2 years .....	50 00
	Second best .....	25 00
65	Best Steer or Spayed Heifer, 6 and under 12 months .....	50 00
	Second best .....	25 00

**Lot 18—Cost of Production.**

Entries to be made on prescribed form and verified by affidavit.

66	Best Steer or Spayed Cow, 3 and under 4 years .....	65 00
	Second best .....	35 00
67	Best Steer or Spayed Heifer, 2 and under 3 years .....	65 00
	Second best .....	35 00
68	Best Steer or Spayed Heifer, 1 and under 2 years .....	65 00
	Second best .....	35 00
69	Best Steer or Spayed Heifer, under 1 year old .....	65 00
	Second best .....	35 00







† Quantity, kind and value of hay and other forage, except pasturage, consumed from 12 months of age up to 24 months of age, as follows:

.....lbs. of.....	@.....	per 100 lbs.....	.....
.....".....	@.....	".....	.....
.....".....	@.....	".....	.....

‡ Value of grass consumed in pasture from 12 months of age to November 8, 1887.....

‡ Value of grass consumed in pasture from 12 months of age to 24 months of age.....

Expense for care, feeding, salting, etc., from 12 months of age to November 8, 1887.....

Expense for care, feeding, salting, etc., from 12 months of age to 24 months of age.....

§ Other expenses for food, etc., not named above, from 12 months of age to November 8, 1887, as follows:

§ Other expenses for food, etc., not named above, from 12 months of age to 24 months of age, as follows:

Total cost of production from 12 months of age to November 8, 1887.....

Total cost of production from 12 months of age to 24 months of age.....

Weight of animal November 8, 1887.....lbs

Weight of animal at 24 months.....lbs

Value of animal November 8, 1887, \$6 per 100.....

Value of animal at 24 months, \$6 per 100.....

#### REMARKS.

Was the animal stabled or sheltered during the winter?.....

Was the animal allowed range of pasture during the winter?.....

Daily allowance of grain?.....

#### COST OF PRODUCTION—THIRD YEAR.

##### ANIMALS TWO AND UNDER THREE YEARS OF AGE.

Weight of animal at 24 months of age.....lbs

Value of animal at 24 months of age.....\$

\* Quantity, kind and value of grain, meal and feed of each kind, other than hay, forage and pasture, consumed from 24 months of age to November 8, 1887, as follows:

.....lbs. of.....	@.....	per 100 lbs.....	.....
.....".....	@.....	".....	.....
.....".....	@.....	".....	.....

\* Quantity, kind and value of grain, meal and feed of each kind, other than hay, forage and pasture, consumed from 24 months of age up to 36 months of age:

.....lbs. of.....	@.....	per 100 lbs.....	.....
.....".....	@.....	".....	.....
.....".....	@.....	".....	.....

† Quantity, kind and value of hay and other forage, except pasturage, consumed from 24 months of age up to November 8th, 1887, as follows:

.....lbs. of.....	@.....	per 100 lbs.....	.....
.....".....	@.....	".....	.....
.....".....	@.....	".....	.....

† Quantity, kind and value of hay and other forage, except pasture, consumed from 24 months of age up to 36 months of age:

.....lbs. of.....	@.....	per 100 lbs.....	.....
.....".....	@.....	".....	.....
.....".....	@.....	".....	.....

‡ Value of grass consumed in pasture from 24 months of age to November 8, 1887.....

‡ Value of grass consumed in pasture from 24 months of age up to 36 months of age.....

Expense for care, feeding, salting, etc., from 24 months of age to November 8, 1887.....

Expense for care, feeding, salting, etc., from 24 months of age up to 36 months of age.....

§ Other expenses not named above, from 24 months of age to November 8, 1887, as follows:

§ Other expense not named above, from 24 months of age up to 36 months of age, as follows:

Total cost of production from 24 months of age up to November 8, 1887.....

Total cost of production from 24 months of age up to 36 months of age.....

Weight of animal November 8, 1887.....

Weight of animal 36 months of age.....

Value of animal November 8, 1887, \$6 per 100.....

Value of animal 36 months of age, \$6 per 100.....

#### REMARKS.

Was the animal stabled or sheltered during the winter?.....

Was the animal allowed range of pasture during the winter?.....

Daily allowance of grain?.....

COST OF PRODUCTION FOR PART OF FOURTH YEAR.

ANIMAL THREE AND UNDER FOUR YEARS.

Weight of animal at 36 months of age.....lbs. ....  
Value of animal 36 months of age, at \$6 per 100 .....\$ ....  
\* Quantity, kind and value of grain, meal and feed of each kind, other than hay, forage and  
pasture, consumed from 36 months of age to November 8, 1887, as follows:  
.....lbs. of.....@.....per 100 lbs.....  
.....“.....@.....“.....  
.....“.....@.....“.....  
† Quantity and value of hay and other forage, except pasture, consumed from 36 months of  
age to November 8, 1887:  
.....lbs. of.....@.....per 100 lbs.....  
.....“.....@.....“.....  
.....“.....@.....“.....  
‡ Value of grass consumed in pasture from 36 months of age to November 8, 1887.....  
Expense for care, feeding, salting, etc., from 36 months of age to November 8, 1887 .....  
§ Other expenses not named above, from 36 months of age to November 8, 1887, as follows:  
.....  
Weight of animal November 8, 1887.....  
Value of animal November 8, 1887, \$6 per 100.....

REMARKS.

Was the animal stabled or sheltered during winter?.....  
Was the animal allowed range of pasture during winter?.....  
Daily allowance of grain?.....

RECAPITULATION.

Cost of production—  
At 12 months of age.....  
November 8, 1887 (steer 1 and under 2).....  
At 24 months of age.....  
November 8, 1887 (steer 2 and under 3).....  
At 36 months of age.....  
November 8, 1887 (steer 3 and under 4).....  
  
Total.....\$

On this.....day of November, 1887, personally appeared before me.....who,  
being duly sworn, says that the above statement is true.

[SEAL] .....N. P.

\* State, separately, amount of corn, oats, linseed or other meal, grain, roots, etc., whether,  
ground, steamed or otherwise specially prepared; price each per 100 pounds.

† State, separately, amount of timothy, clover, millet, prairie or other hay, and price of each  
per ton; also whether cut or otherwise specially prepared.

‡ State kind of pasture—blue grass, timothy, clover, or otherwise.

§ Specify kind, amount and value of each of the several kinds of food.

Blanks for Cost of Production furnished on application.

The same form will be used for Sheep and Hogs, Lots 50 and 68.



## CLASS B—Horses.

E. C. LEWIS, Superintendent—Light Horses.

DAVID GORE, Superintendent—Draft Horses.

The Exposition Building will be open for the reception of stock on Friday, the 4th day of November, 1887.

The assignment of stalls for Horses will be only to the extent of the space at the disposition of the Committee of Arrangements. Owing to the limited space for horses in the Exposition Building, the Board reserves the right of returning stall fees after all the available stalls have been assigned. Provided, that animals not quartered in the Exposition Building shall be eligible to competition, other rules having been complied with.

### ENTRIES.

1. Except in the Light Horse Department, entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications, on which to specify exhibitor's name and address, with description of animal offered. Exhibitors are requested to make their entries as early as October 1, 1887, to enable the management to provide necessary accommodations.

2. In all classes authentic pedigrees must be furnished. The age of all animals shall be determined from January 1 of the year in which they were foaled, except the draft breeds and Cleveland Bay Horses, the age of which shall be determined from the recorded date of birth.

3. The following fee will be charged, and must accompany application for entries: For each horse, \$2.00.

4. Each exhibitor must purchase an exhibitor's ticket (\$1.50), when applying for entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket.

No exhibitor will be given stalls for more than ten horses, unless additional stalls are constructed and at the disposal of the Superintendent of Stalls. All competing animals must be exhibited and paraded in the ring at the discretion of the Superintendents, and any exhibitor failing to comply with this rule will forfeit any premium awarded his stock and all rights. No animals shall be decorated with any unnecessary trappings, etc., during examination by the awarding committee. Horses will be measured in the shoes worn at the time of entry.

The draft breeds are not eligible to enter for the premiums guaranteed by the several associations unless recorded in their respective stud books and the applications for entry are accompanied by a certificate from the Secretary of the respective organization that the exhibitors have complied with the rules governing entries for such premiums.

Firms exhibiting a team or pair of horses must have existed at least thirty days prior to the time of exhibition. An affidavit as to ownership may be required by the Superintendent.

The catalogue number must be conspicuously displayed on each animal while on exhibition. See list of Special Premiums for Horses published elsewhere.



## CLASS B—Light Horses.

E. C. LEWIS, Superintendent.

All Driving Horses in this Department must be shown in harness, hitched to appropriate vehicle, considering the use for which they are exhibited.

### Lot 19—Roadster.

70	Best Stallion, 4 years old or over.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
71	Best Stallion, 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
72	Best Mare, 4 years old and over.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
73	Best Mare, 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
74	Best pair of Mares, any age.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
75	Best Mare, any age.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
76	Best pair of Geldings, any age.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
77	Best Gelding, any age.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

### Lot 20—Cleveland Bay.

78	Best Stallion, 4 years old or over.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
79	Best Stallion, 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
80	Best Mare, 4 years old or over.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
81	Best Mare, 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
82	Best pair of Mares, any age.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

### Lot 21—Saddle Horses.

83	Best Stallion, any age.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
84	Best Gelding, any age.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
85	Best Mare, any age.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

### Lot 22—Carriage or Coach.

(Other than Cleveland Bay.)

86	Best Stallion, any age.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
87	Best pair of Geldings.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
88	Best Mare, any age.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
89	Best pair Mares.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
90	Best Team (Stallions excluded).....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

### Lot 23—Park Horse.

91	Best Stallion, Mare or Gelding, any age.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

### Lot 24—Equestrianism.

92	Best Boy rider, under 14 years.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
93	Best Gentleman rider.....	25 00
	Second best.....	15 00
	Third best.....	10 00
94	Best Girl rider, under 14 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
95	Best Lady rider.....	25 00
	Second best.....	15 00
	Third best.....	10 00
96	Best Lady rider, with escort.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 25—Driving o Cart.

(Horse to be under 14 hands high.)

97	Best Boy driver, not over 14 years.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
98	Best Girl driver, not over 14 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 26—Ponies.

(Not over 12 hands high.)

99	Best Stallion, any age.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
100	Best Mare, any age.....	25 00
	Second best.....	15 00
	Third best.....	10 00
101	Best Gelding, any age.....	25 00
	Second best.....	15 00
	Third best.....	10 00
102	Best Pony Team to pole.....	25 00
	Second best.....	15 00
	Third best.....	10 00



**Lot 27—Miscellaneous.**

Subscribed and provided by a number of the lovers and owners of fine horses of the City of Chicago. Horses in this lot will be driven as used, e.g.: Four-in-hand, tandem, cart, etc., by owners. Brougham and carriage teams, coupe, etc., by coachmen. Horses, vehicles, driving and general turn-out to be considered in making the award.

1	Best Coupe Horse, to coupe or brougham .....	\$50 00
	Second best .....	25 00
	Third best .....	15 00
	Fourth best .....	10 00
2	Best Cart Horse, to cart .....	50 00
	Second best .....	25 00
	Third best .....	15 00
	Fourth best .....	10 00
3	Best pair of Cobs, to mail phaeton .....	50 00
	Second best .....	25 00
	Third best .....	15 00
	Fourth best .....	10 00

4	Best pair of Carriage Horses, to carriage .....	\$50 00
	Second best .....	25 00
	Third best .....	15 00
	Fourth best .....	10 00
5	Best Brougham Team, to brougham or coupe .....	50 00
	Second best .....	25 00
	Third best .....	15 00
	Fourth best .....	10 00
6	Best Tandem Team of driving horses .....	50 00
	Second best .....	25 00
	Third best .....	15 00
	Fourth best .....	10 00
7	Best four-in-hand Team, to coach or drag .....	50 00
	Second best .....	25 00
	Third best .....	15 00
	Fourth best .....	10 00

**CLASS B—Heavy Horses.**

DAVID GORE, Superintendent.

**Lot 28—French Draft.**

(Full Blood.)

**STALLIONS.**

107	Best Stallion 4 years old or over ....	\$30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
108	Best Stallion 3 years old and under 4 ..	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
109	Best Stallion 2 years old and under 3 ..	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00

**MARES.**

110	Best Mare 4 years old or over .....	\$30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
111	Best Mare 3 years old and under 4 ...	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
112	Best Mare 2 years old and under 3 ...	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00

**Lot 29—Percheron.**

(Full Blood.)

**STALLIONS.**

113	Best Stallion 4 years old or over ....	\$30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
114	Best Stallion 3 years old and under 4 ..	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
115	Best Stallion 2 years old and under 3 ..	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00

**MARES.**

116	Best Mare 4 years old or over .....	\$30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
117	Best Mare 3 years old and under 4 ...	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
118	Best Mare 2 years old and under 3 ...	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00

**Lot 30—Belgian.**

(Full Blood.)

**STALLIONS.**

119	Best Stallion 4 years old or over ....	\$30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
120	Best Stallion 3 years old and under 4 ..	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
121	Best Stallion 2 years old and under 3 ..	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00

**MARES.**

122	Best Mare 4 years old or over .....	\$30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
123	Best Mare 3 years old and under 4 ...	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00
124	Best Mare 2 years old and under 3 ...	30 00
	Second best .....	20 00
	Third best .....	15 00
	Fourth best .....	10 00

**Lot 31—Clydesdale.**

(Full Blood.)

**STALLIONS.**

125	Best Stallion 4 years old or over.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
126	Best Stallion 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
127	Best Stallion 2 years old and under 3.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

**MARES.**

128	Best Mare 4 years or over.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
129	Best Mare 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
130	Best Mare 2 years old and under 3.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

**Lot 32—English Shire.**

(Full Blood.)

**STALLIONS.**

131	Best Stallion 4 years old or over.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
132	Best Stallion 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
133	Best Stallion 2 years old and under 3.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

**MARES.**

134	Best Mare 4 years old or over.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
135	Best Mare 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
136	Best Mare 2 years old and under 3.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

**Lot 33—Grade Draft Horses.**

[Get of Full Blood Sires—Imported Horses excluded.]

**STALLIONS.**

137	Best Stallion 4 years or over.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
138	Best Stallion 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
139	Best Stallion 2 years old and under 3.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00

**MARES.**

140	Best Mare 4 years old or over.....	\$30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
141	Best Mare 3 years old and under 4.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00
142	Best Mare 2 years old and under 3.....	30 00
	Second best.....	20 00
	Third best.....	15 00
	Fourth best.....	10 00



# PREMIUMS AND RULES FOR THE FOURTH ANNUAL SHOW

OF THE

# American Clydesdale Association,

To be held at Chicago, November 8-18, 1887, in connection with the American Horse Show.

## RULES AND REGULATIONS.

All stallions and mares entered for competition must be recorded in the American Clydesdale Stud-Book, and the official registry certificate of the American Clydesdale Association must accompany the application for entry.

An entry fee of ten per cent. of the total amount of the premiums offered in each ring will be charged, and no application will be considered until said fee is paid.

No entrance fee refunded under any circumstances except at the discretion of the Association.

Competition shall be open to all, but no awards shall be made except there be two or more competitors in each ring.

All animals entered in any of the rings, must have been owned by the individual, company or association in whose name they are entered at least thirty days prior to the exhibition.

Should an animal have been admitted to competition through misrepresentation or fraud the Executive Committee, on the discovery of the same, shall declare the entry void and expel such exhibitor, and any premiums awarded animals improperly entered will be forfeited to the Association.

All stallions and mares offered for competition will be examined by a committee of experts, and any unsound or unworthy animal, as well as the apparent ages of the animals, will be reported by the experts to the Executive Committee prior to the time fixed for the commencement of the work by the awarding committee. All questions as to age, ownership, soundness, discrepancies and protests founded upon or arising out of allegations or facts relating to competing animals must and will be definitely settled by the Executive Committee, and in all cases where practicable previous to the time fixed for the commencement of the work by the Awarding Committee.

Animals affected by any contagious disease or having been exposed within time to endanger their health or condition will not be allowed to compete.

Exhibitors will at all times give the necessary personal attention to the stock they may have on exhibition, and at the close of the Show take entire charge of and remove the same.

Premium animals will be weighed and measured at the time of the Show, and report of the same given the Secretary prior to the payment of premiums.

## AWARDING COMMITTEES.

Awarding Committees will consist of three expert judges, two of whom, if agreed, shall be competent to make an award. All awards shall be made by ballot, and without consultation, and any two judges failing to agree, the third shall be called to decide which of two animals voted for shall receive the premium.

Decisions of awarding committees will be final and no appeal will be considered except in case of fraud. Any exhibitor attempting to interfere with the judges during their adjudications will be promptly excluded.

If the Association shall be satisfied that protests were instigated by improper or malicious motives, the Association will withhold any prizes awarded in consequence, and also exclude the contesting party from exhibiting at future shows, at the discretion of the Association.

A handsomely engraved diploma will be given to the owner of each animal awarded a premium. Such diploma will give the name and stud-book number of the animal, and the name of the breeder and exhibitor, as well as the character of the premium awarded.

The Association will endeavor to exercise due diligence to prevent injury to persons, animals or property, but will not be responsible for any damage that may occur.

Exhibitors must conform during the Show, to the regulations of the Association and of the persons having charge of the horse department of the American Horse Show.

### Lot 31½—Recorded Clydesdales.

#### STALLIONS.

125½	Best Stallion 4 years old and over...	\$60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..
126½	Best Stallion 3 years old and under 4	60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..
127½	Best Stallion 2 years old and under 3	60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..
128½	Best Stallion 1 year old and under 2	60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..
129½	Best Stallion Colt under 1 year old..	60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..

#### MARES.

130½	Best Mare 4 years old or over.....	60 00
	Second best.....	30 00

	Third best.....	\$15 00
	Highly commended.....	.. ..
	Commended.....	.. ..
131½	Best Mare 3 years old and under 4..	60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..
132½	Best Mare 2 years old and under 3..	60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..
133½	Best Mare 1 year old and under 2..	60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..
134½	Best Mare Colt under 1 year old....	60 00
	Second best.....	30 00
	Third best.....	15 00
	Highly commended.....	.. ..
	Commended.....	.. ..

### Lot 32½—Gold Medals.

Entries confined to Clydesdale Stallions and Mares awarded Silver Medals of the American Clydesdale Association at State Fairs of 1887.

135½	Best Stallion.....	Gold Medal.
136½	Best Mare.....	Gold Medal.



# American Percheron Horse Breeders' Association.

## RULES AND REGULATIONS.

All stallions and mares entered for competition must be recorded in the Percheron Stud-Book of America, and the official registry certificate of the American Percheron Horse Breeders' Association must accompany the application for entry, but no entrance fee will be charged.

All animals entered in any of the rings must be owned by the individual, company or association in whose name they are entered.

Should an animal have been admitted to competition through misrepresentation or fraud, the executive committee, on discovery of the same, shall declare the entry void, and expel such exhibitor for fraud, and any premiums awarded animals improperly entered shall be forfeited to the Association.

All stallions and mares offered for competition will be examined by a committee of experts, and any unsound or unworthy animals, as well as the apparent ages of the animals, will be reported by the experts to the Board of Management prior to the time fixed for the commencement of the work of the Awarding Committee. All questions as to age, ownership, soundness, discrepancies founded upon or arising out of allegations of facts relating to competing animals, must and will be definitely settled by the Board of Management, and in all cases where practicable, previous to the time fixed for the commencement of the work of the Awarding Committee.

Animals affected by any contagious disease, or having been exposed within time to endanger their health or condition, will not be allowed to compete.

Exhibitors will at all times give the necessary personal attention to the stock they may have on exhibition.

If the Association shall be satisfied that protests were instigated by improper or malicious motives, the Association will withhold any prize awarded in consequence, also exclude the contesting party from exhibiting at future shows, at the discretion of the Association.

A handsomely engraved diploma will be given to the owner of each animal awarded a premium. Such diploma will give name and stud-book number, and pedigree of the animal, name of the breeder and exhibitor, as well as the character of the premium awarded.

Applications for entry should be made as soon as possible, that suitable provision may be made for the accommodation of stock. No entries will be received later than the first day of November.

Exhibitors must conform to the regulations of the Association, and of the persons having charge of the American Horse Show, during the Show.

## PREMIUMS.

STALLIONS.			
Best Stallion, 4 years old and over.....	\$60 00	Best Mare, 3 years old and under 4.....	\$60 00
Second best.....	30 00	Second best.....	30 00
Third best.....	15 00	Third best.....	15 00
Highly commended.....	.. ..	Highly commended.....	.. ..
Commended.....	.. ..	Commended.....	.. ..
Best Stallion, 3 years old and under 4....	60 00	Best Mare, 2 years old and under 3.....	60 00
Second best.....	30 00	Second best.....	30 00
Third best.....	15 00	Third best.....	15 00
Highly commended.....	.. ..	Highly commended.....	.. ..
Commended.....	.. ..	Commended.....	.. ..
Best Stallion, 2 years old and under 3....	60 00	Best Filly, 1 year old and under 2.....	60 00
Second best.....	30 00	Second best.....	30 00
Third best.....	15 00	Third best.....	15 00
Highly commended.....	.. ..	Highly commended.....	.. ..
Commended.....	.. ..	Commended.....	.. ..
Best Stallion Colt, 1 year old and under 2	60 00	Best Filly, under 1 year old.....	60 00
Second best.....	30 00	Second best.....	30 00
Third best.....	15 00	Third best.....	15 00
Highly commended.....	.. ..	Highly commended.....	.. ..
Commended.....	.. ..	Commended.....	.. ..
Best Stallion Colt, under 1 year old.....	60 00	BREEDING RINGS.	
Second best.....	30 00	Best Breeding Stallion, as shown with five or more of his colts, either sex, three of which must be foaled in 1887, Gold Medal offered by the Société Hippique Percheronne of France.	
Third best.....	15 00		
Highly commended.....	.. ..		
Commended.....	.. ..		
MARES.			
Best Mare, 4 years old and over.....	\$60 00	Best Brood Mare, as shown with two or more of her colts, other sex, one of which must be foaled in 1887, Gold Medal offered by the Société Hippique Percheronne of France.	
Second best.....	30 00		
Third best.....	15 00		
Highly commended.....	.. ..		
Commended.....	.. ..		

For further information apply to the Secretary of the Association,  
S. D. THOMPSON, Wayne, Ill.



## CLASS C—Sheep.

### A. C. RUSH, Superintendent.

1. The Exposition Building will be open for the reception of stock on Friday, the 4th day of November, 1887. Sheep must be in their pens in the Exposition Building, Chicago, not later than Monday, November 7, 1887, in order that they may be weighed, numbered and catalogued previous to the opening of the Show.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify the exhibitor's name and address, with age and description of the animal offered.

3. The fee for each sheep will be \$1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals whose fleeces have been artificially colored will be excluded from competition.

5. All statements of fact required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all pure-bred classes recorded pedigrees, or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in Lot 41, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 34 to 41 are entitled to compete in the sweepstakes ring, Lot 42, and only animals awarded sweepstakes prizes in Lot 42, or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize in Lot 43. Animals awarded sweepstakes prizes in Lot 42, and the Grand Sweepstakes prize in Lot 43, will be slaughtered in competition for the prizes in Lot 47. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 46—Heaviest Fat Sheep—will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, without consultation. The awarding committee shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium, also taking into consideration the value of the pelt.

10. Animals originally entered for competition in Lot 47—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly under his direction. Animals not so entered, and which may by Rule 6 be eligible to compete for the prize in Lot 43, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners. Arrangements will be provided for cooling carcasses of animals slaughtered.

12. Premium animals only will be measured.

See list of special premiums for sheep published elsewhere.

#### Lot 34—Southdown.

143	Best Wether over 2 years old.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
144	Best Wether 1 and under 2 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
145	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

#### Lot 35—Shropshire.

146	Best Wether over 2 years old.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
147	Best Wether 1 and under 2 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
148	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00



**Lot 36—Hampshire.**

149	Best Wether over 2 years old.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
150	Best Wether 1 and under 2 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
151	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 37—Oxford.**

152	Best Wether over 2 years old.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
153	Best Wether 1 and under 2 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
154	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 38—Cotswold.**

155	Best Wether over 2 years old.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
156	Best Wether 1 and under 2 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
157	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 39—Leicester.**

158	Best Wether over 2 years old.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
159	Best Wether 1 and under 2 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
160	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 40—Lincoln.**

161	Best Wether over 2 years old.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
162	Best Wether 1 and under 2 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
163	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 41—Crosses (Grades exeluded).**

164	Best Wether over 2 years old.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
165	Best Wether 1 and under 2 years.....	25 00
	Second best.....	15 00
	Third best.....	10 00
166	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third Best.....	10 00

**Lot 42—Sweepstakes.**

Entries to consist of animals awarded first prizes.

167	Best Southdown Wether shown in Lot 34.....	\$25 00
168	Best Shropshire Wether shown in Lot 35.....	25 00
169	Best Hampshire Wether shown in Lot 36.....	25 00
170	Best Oxford Wether shown in Lot 37.....	25 00

171	Best Cotswold Wether shown in Lot 38.....	\$25 00
172	Best Leicester Wether shown in Lot 39.....	25 00
173	Best Lincoln Wether shown in Lot 40.....	25 00
174	Best Crossbred Wethers shown in Lot 41.....	25 00

**Lot 43—Grand Sweepstakes.**

175	Best Wether in Show .....	\$50 00
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**Lot 44—Pens.**

176	Best pen Southdowns, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.....	\$35 00
177	Best pen of Shropshires, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.....	35 00
178	Best pen of Hampshires, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.....	35 00
179	Best pen of Oxfords, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.....	35 00
180	Best pen of Cotswolds, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.....	35 00
181	Best pen of Leicesters, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.....	35 00
182	Best pen of Lineolns, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.....	35 00
183	Best pen Crossbred Sheep, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.....	35 00

**Lot 45—Sweepstakes Pen.**

Entries to consist of the prize pens in Lot 44.

184	Best pen.....	\$50 00
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**Lot 46—Heaviest Fat Sheep.**

Open to all.

185	Heaviest Wether, any age.....	\$25 00
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**Lot 47—Dressed Carcass.**

Not less than two entries shall be considered in each ring.

186	Best carcass Wether over 2 years old.....	\$25 00
187	Best carcass Wether 1 and under 2 years.....	25 00
188	Best carcass Wether under 1 year.....	25 00

**Lot 48—Dressed Carcass—Sweepstakes.**

Only carcasses awarded prizes in Lot 47 entitled to compete.

189	Best carcass Wether, any age.....	\$25 00
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**Lot 49—Gain per Day.**

190	Wether over six months of age, showing greatest average gain per day, including weight at birth .....	\$25 00
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**Lot 50—Cost of Production.**

Entries to be made on the prescribed form and verified by affidavit.

191	Wether over 2 years old, produced at the least cost per lb., live weight....	\$25 00
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## CLASS D—Swine.

SIMON ELLIOTT, Superintendent.

1. The Exposition Building will be open for the reception of stock on Friday, the 4th day of November, 1887. Hogs must be in their pens in the Exposition Building, Chicago, not later than Monday, November 8, 1887, in order that they may be weighed, numbered and catalogued previous to the opening of the Show.

2. Entries must be made on or before November 1, 1887, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of animal offered.

3. The fee for each hog will be \$1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitled the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all pure-bred classes recorded pedigrees, or such as are eligible to record, must be furnished at time of the entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades and crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 51 to 59 inclusive, are entitled to compete in Lots 60 and 61, and only animals awarded sweepstakes prizes in Lot 61, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 62. Animals awarded sweepstakes prizes in Lot 61, and the grand sweepstakes prize in Lot 62, will be slaughtered in competition for prizes in Lot 66. All other animals are eligible, at the option of their owners, to compete in the slaughter rings. Arrangements will be provided for cooling carcasses of animals slaughtered.

7. Animals competing for premiums in Lot 63, Heaviest Fat Hog, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot and without consultation. The awarding committee shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium.

10. Animals originally entered for competition in Lot 66, Carcasses, will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may by Rule 6 be eligible to compete for the prize in Lot 62, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder, and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

### Lot 51—Berkshire.

192	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
193	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
194	Best Barrow under 6 months of age..	5 00

### Lot 52—Poland-China.

195	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
196	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
197	Best Barrow under 6 months of age..	5 00



**Lot 53—Chester White.**

198	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
199	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
200	Best Barrow under 6 months of age..	5 00

**Lot 54—Essex.**

201	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
202	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
203	Best Barrow under 6 months of age.	5 00

**Lot 55—Duroc Jersey Red.**

204	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
205	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
206	Best Barrow under 6 months of age.	5 00

**Lot 56—Yorkshire.**

207	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
208	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
209	Best Barrow under 6 months of age.	5 00

**Lot 57—Suffolk.**

210	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
211	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
212	Best Barrow under 6 months of age.	5 00

**Lot 58—Victoria.**

213	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
214	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
215	Best Barrow under 6 months of age.	5 00

**Lot 59—Grades and Crosses.**

216	Best Barrow 12 and under 18 months.	\$20 00
	Second best.....	15 00
	Third best.....	10 00
217	Best Barrow under 1 year and over 6 months.....	20 00
	Second best.....	15 00
	Third best.....	10 00
218	Best Barrow under 6 months of age.	5 00

**Lot 60—All Breeds and Grades by Ages.**

219	Best Barrow 12 and under 18 months.	\$25 00
220	Best Barrow under 1 year and over 6 months.....	25 00
221	Best Barrow under 6 months of age..	25 00

**Lot 61—Sweepstakes.**

222	Best Barrow shown in Lot 51—Berkshire.....	\$25 00
223	Best Barrow shown in Lot 52—Poland-China.....	25 00
224	Best Barrow Shown in Lot 53—Chester White.....	25 00
225	Best Barrow shown in Lot 54—Essex.	25 00

226	Best Barrow shown in Lot 55—Duroc Jersey Red.....	\$25 00
227	Best Barrow shown in Lot 56—Yorkshire.....	25 00
228	Best Barrow shown in Lot 57—Suffolk	25 00
229	Best Barrow shown in Lot 58—Victoria.....	25 00
230	Best Barrow shown in Lot 59—Grades and Crosses.....	25 00

**Lot 62—Grand Sweepstakes.**

231	Best Barrow in the Show.....	\$50 00
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**Lot 63—Heaviest Fat Hog.**

(Open to all.)

232	Heaviest Barrow of any age.....	\$25 00
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**Lot 64—Pens.**

233	Best Pen Berkshires, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	\$15 00
234	Best Pen Poland-Chinas, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	15 00
235	Best Pen Chester Whites, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	15 00
236	Best Pen Essex, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	15 00
237	Best Pen Duroc Jersey Reds, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	15 00
238	Best Pen Yorkshires, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	15 00
239	Best Pen Suffolks, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	15 00
240	Best Pen Victorias, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	15 00
241	Best Pen Grades and Crosses, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.....	15 00

**Lot 65—Sweepstakes Pen.**

(Entries to consist of prize pens in Lot 64.)

242	Best Pen.....	\$15 00
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**Lot 66—Dressed Carcass.**

Not less than two entries will be considered in each ring.

243	Best Carcass of Barrow 12 and under 18 months.....	\$25 00
244	Best Carcass of Barrow under 1 year old.....	25 00

**Lot 67—Gain Per Day.**

245	Barrow over six months of age, showing largest average gain per day, including weight at birth. Entries to be accompanied by affidavit giving exact age.....	\$25 00
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**Lot 68—Cost of Production.**

Entries to be made on the prescribed form and verified by affidavit.

246	Barrow 12 and under 18 months, produced at the least cost per pound live weight.....	\$25 00
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## CLASS E—Poultry.

Exhibition made by the American Poultry Breeders' Association under the auspices of the Illinois State Board of Agriculture.

GEO. REED, Superintendent.

Premium list and rules governing the Third Annual American Poultry Show, to be held in the Exposition Building in Chicago, Nov. 8-18, 1887.

### RULES AND REGULATIONS.

NOTE.—Exhibitors are requested to study Rules *carefully*, as they will be rigidly enforced, and ignorance of them may be fatal to successful competition.

Competition open to the world.

1. Entries must be forwarded to Secretary of Illinois State Board of Agriculture, Springfield, Ill., on or before November 1, accompanied by full amount of entry fees.

2. Diligence will be used by the officers of the Board to prevent injury to or loss of specimens, but the Board will not be responsible for any loss or damage to fowls, or articles, or injuries to persons that may occur.

3. Exhibitors will be charged twenty-five cents for each specimen entered. This fee will entitle birds, etc., to compete for all premiums offered, and should accompany the fee (\$1.50) for exhibitor's ticket, which will admit the party named thereon to the Exposition Building during the continuance of the Fat Stock, Poultry Show, etc.

4. The term Specimen, implies anything for which a premium is offered. The term Fowl, a specimen hatched prior to 1887. The term Chicken, a specimen hatched during 1887. The term Cock, a male specimen hatched prior to 1887. The term Cockerel, a male specimen hatched during 1887. The term Hen, a female specimen hatched prior to 1887. The term Pullet, a female specimen hatched during 1887.

5. During the continuance of the exhibition all specimens will be under the control of the Superintendent, and cannot be removed without his written consent, which consent will be given only when required for sanitary reasons.

6. No exhibitor will be allowed under any circumstances to handle any birds excepting his own, unless by consent of owner. Any infringement of this rule will debar guilty parties from competition, and will forfeit any prizes that may have been awarded.

7. All live specimens must be exhibited in clean and convenient coops or cages, which can be easily opened for the convenience of judges and attendants, and should be of the following dimensions, viz: 2½ feet high, 2 feet deep and 2 feet wide, except breeding-pen coops, which should not be less than 4 feet in length.

For Bantams and Pigeons smaller coops, and for Turkeys, Geese, etc., larger, as may be necessary.

All coops must be furnished by exhibitors. Exhibitors will thus save the expense of coop fee and avoid the risk of loss or mixing of birds in handling, to a great extent.

8. All specimens for competition must be entered on the books of the Secretary on or before the fifth day of November, 1887. In all cases the varieties, number of specimens and name and residence of the exhibitor must be explicitly stated on blanks provided for that purpose, which will be furnished free to all applicants by the Secretary, at Springfield, Ill.

9. Exhibitors from abroad can send directly to Geo. Reed, Superintendent, Exposition Building, Chicago, Ill., who will take charge of them, if transportation has been prepaid; and they will be properly cared for and promptly returned at close of Show at the expense of the exhibitor.

10. The Exposition Building will be open for the reception of specimens on the 4th, 5th and 6th of November, 1887, at 8 o'clock A. M. Those not received by 12 o'clock M. November 7th will be debarred from competition, unless unavoidably delayed.

11. *The Revised American Standard of Excellence* will govern judges in all varieties recognized therein. In no case will a premium be awarded where the specimen does not come up to the following scale of points: First Premium Birds, 90 points; Second Premium Birds, 85 points; Third Premium Birds, 80 points; Fourth and Fifth Premium Birds, 75 points.

A score card will be furnished every specimen scoring 80 or more points.

Chicks hatched in 1887 will be scored as *full* in weight.



12. A card may be placed on each coop, cage or specimen, giving the owner's name and name of the variety, and, if for sale, the price.

Immediately after the awards have been made, a card stating the premium will be placed upon each winning coop, cage or specimen.

Exhibitors, after the awards are made, will be allowed to advertise as conspicuously as desired, provided space over the owner's coops only is used.

13. The judges are expressly prohibited from making known their awards before the cards are put up. *If collusion, direct or indirect, is attempted, the owner of the specimen implicated will be, without further action, excluded from competition. Any person attempting to influence the judges in their decision, by letter or otherwise, will be excluded from competition and exhibition.*

14. A breeding-pen shall consist of one male and five females of the same variety.

Birds in a breeding-pen can compete for the regular premiums, provided the bird to so compete shall be marked by a distinguishing band of some kind around one leg.

First Premium Pens must average not less than 90 points per bird.

Second Premium Pens must average not less than 87 points per bird.

Third Premium Pens must average not less than 85 points per bird.

Premiums on breeding-pens will be awarded in the following manner: The judges will select the five highest scoring females in each variety owned by one exhibitor, add them together and divide the amount by five, which will give the average of the females. To the average score of the females add the score of the highest scoring male and divide the amount by two, which shall be the score of the breeding-pen. Any specimen scoring less than 80 points will debar the whole breeding-pen from competition.

There will be five awards on breeding-pens in each variety.

The premiums where not otherwise specified will be as follows: First Premium, blue card; Second Premium, red card; Third Premium, white card; Fourth Premium, yellow card; Fifth Premium, purple card.

#### Lot 69—Asiatics.

- 247 Best Light Brahma.
- 248 Best Dark Brahma.
- 249 Best White Cochin.
- 250 Best Black Cochin.
- 251 Best Buff Cochin.
- 252 Best Partridge Cochin.
- 253 Best Pea-comb Partridge Cochin.
- 254 Best Langshan.

#### Lot 70—American.

- 255 Best Plymouth Rock.
- 256 Best Wyandotte.
- 257 Best American Dominique.
- 258 Best Black Java.
- 259 Best Mottled Java.

#### Lot 71—Leghorns.

- 260 Best White.
- 261 Best Brown.
- 262 Best Black.
- 263 Best Dominique.
- 264 Best Single-comb.
- 265 Best White Rose-comb.
- 266 Best Brown Rose-comb.

#### Lot 72—Hamburgs.

- 267 Best Silver Spangled.
- 268 Best Golden Spangled.
- 269 Best Silver Penciled.
- 270 Best Golden Penciled.
- 271 Best White.
- 272 Best Black.

#### Lot 73—Dorkings.

- 273 Best White.
- 274 Best Silver Grey.
- 275 Best Colored.

#### Lot 74—Spanish.

- 276 Best White-face Black.
- 277 Best Andalusian.

#### Lot 75—French.

- 278 Best Houdan.
- 279 Best La Fleche.
- 280 Best Crevecœur.

#### Lot 76—Polish.

- 281 Best White-crested Black.
- 282 Best Golden.
- 283 Best Silver.
- 284 Best White, plain.
- 285 Best White, bearded.

#### Lot 77—Game.

- 286 Best Black-breasted Red.
- 287 Best Brown Red.
- 288 Best Red Pile.
- 289 Best White Pile.
- 290 Best Yellow Duck-wings.
- 291 Best Silver Duck-wings.
- 292 Best Ginger Red.
- 293 Best Grey.
- 294 Best Black.
- 295 Best White.
- 296 Best Blue.
- 297 Best Spangled.

#### Lot 78—Game Bantams.

- 298 Best Black-breasted Red.
- 299 Best Brown Red.
- 300 Best Red Pile.
- 301 Best White Pile.
- 302 Best Yellow Duck-wings.
- 303 Best Silver Duck-wings.
- 304 Best Ginger Red.
- 305 Best Gray.
- 306 Best Black.
- 307 Best White.
- 308 Best Blue.
- 309 Best Spangled.

#### Lot 79—Bantams, other than Game.

- 310 Best Golden Sebright.
- 311 Best Silver Sebright.
- 312 Best Rose-comb Black.
- 313 Best Rose-comb White.
- 314 Best Booted White.
- 315 Best Cochin.
- 316 Best Japanese.



**Lot 80—Turkeys.**

- 317 Best Bronze.
- 318 Best White.
- 319 Best Buff.
- 320 Best Black.
- 321 Best Slate.
- 322 Best Domesticated Wild.

**Lot 81—Ducks and Geese.****DUCKS.**

- 323 Best Aylesbury.
- 324 Best Cayuga.
- 325 Best Call.
- 326 Best Crested.
- 327 Best White.
- 328 Best Rouen.
- 329 Best Pekin.
- 330 Best Black East India.
- 331 Best Muscovy.

**GEESE.**

- 332 Best Embden.
- 333 Best White China.
- 334 Best Egyptian.
- 335 Best Toulouse.
- 336 Best Brown China.
- 337 Best African.
- 338 Best Sebastopol.
- 339 Best Hong Kong.

**Lot 82—Miscellaneous.**

- 340 Best Sultan.
- 341 Best Silky.
- 342 Best Erminet.
- 343 Best Russian.
- 344 Best Frizzle.
- 345 Best Rumpless.

**Lot 83—Ornamental, etc.**

(This class will not be scored.)

- 346 Best White Guinea.
- 347 Best Pearl Guinea.
- 348 Best White Pea Fowl.
- 349 Best Colored Pea Fowl.
- 350 Best Golden Pheasant.
- 351 Best Silver Pheasant.
- 352 Best Ring-neck Pheasant.
- 353 Best Himalayan Pheasant.
- 354 Best Albino Pheasant.
- 355 Best English Pheasant.
- 356 Best Chinese Pheasant.
- 357 Best White Swan.
- 358 Best Black Swan.
- 359 Best Mute Swan.
- 360 Best California Mountain Quail.
- 361 Best California Valley Quail.
- 362 Best Common Quail.
- 363 Best Wood Duck.
- 364 Best Mandarin Duck.
- 365 Best Canvas-back Duck.
- 366 Best Pin-tail Duck.

**Lot 84—Non-Standard.**

(Not yet admitted to Standard, but deemed worthy of recognition.)

- 367 Best White Wyandotte.
- 368 Best White Plymouth Rock.
- 369 Best Golden Wyandotte.

**Lot 85—Columbarian.****CARRIERS.**

- 370 Best Black.
- 371 Best Dun.
- 372 Best Blue.
- 373 Best Yellow.
- 374 Best Red.
- 375 Best White.
- 376 Best Collection Carriers.

**HOMING (Antwerps—Short-faced).**

- 377 Best Silver.
- 378 Best Silver Dun.
- 379 Best Dun.
- 380 Best Blue.
- 381 Best Blue Checkered.
- 382 Best Red.
- 383 Best Red Checkered.
- 384 Best Collection Homing.

**POUTERS.**

- 385 Best Yellow.
- 386 Best Red.
- 387 Best Black.
- 388 Best Blue.
- 389 Best White.
- 390 Best Yellow-pied.
- 391 Best Blue-pied.
- 392 Best Black-pied.
- 393 Best Red-pied.
- 394 Best Collection Pouters.

**TUMBLERS—Long-faced.**

- 395 Best Bald-head.
- 396 Best Almond.
- 397 Best Kite.
- 398 Best Agate.
- 399 Best White.
- 400 Best Black.
- 401 Best Red.
- 402 Best Yellow.
- 403 Best Blue.
- 404 Best Collection Long-faced Tumblers.

**TUMBLERS—Short-faced.**

- 405 Best Almond.
- 406 Best Beard.
- 407 Best Red.
- 408 Best White.
- 409 Best Silver.
- 410 Best Agate.
- 411 Best Bald-head.
- 412 Best Black.
- 413 Best Kite.
- 414 Best Yellow.
- 415 Best Blue.
- 416 Best Collection Short-faced Tumblers.

**BARBS.**

- 417 Best Red.
- 418 Best White.
- 419 Best Yellow.
- 420 Best Dun.
- 421 Best Black.
- 422 Best Collection Barbs.

**JACOBINS.**

- 423 Best Red.
- 424 Best Yellow.
- 425 Best Black.
- 426 Best White.
- 427 Best Blue.
- 428 Best Collection Jacobins.

**FAN-TAILS.**

- 429 Best White.
- 430 Best Black.
- 431 Best Yellow.
- 432 Best Blue.
- 433 Best Red.
- 434 Best Collection Fan-tails.

**FAN-TAILS—Crested.**

- 435 Best White.
- 436 Best Black.
- 437 Best Yellow.
- 438 Best Blue.
- 439 Best Red.
- 440 Best Collection Crested Fan-tails.



**TRUMPETERS.**

- 441 Best Mottled.  
 442 Best Black.  
 443 Best Yellow.  
 444 Best Red.  
 445 Best Blue.  
 446 Best White.  
 447 Best Collection Trumpeters.

**AFRICAN OWLS.**

- 448 Best White.  
 449 Best Blue.  
 450 Best Black.  
 451 Best Red.  
 452 Best Yellow.  
 453 Best Silver.  
 454 Best Collection African Owls.

**ENGLISH OWLS.**

- 455 Best Red.  
 456 Best Yellow.  
 457 Best White.  
 458 Best Blue.  
 459 Best Black.  
 460 Best Silver.  
 461 Best Collection English Owls.

**TURBITS.**

- 462 Best Red-winged.  
 463 Best Yellow-winged.  
 464 Best Blue-winged.  
 465 Best Black-winged.  
 466 Best Yellow.  
 467 Best Dun.  
 468 Best Silver.  
 469 Best Red.  
 470 Best White.  
 471 Best Blue.  
 472 Best Black.  
 473 Best Blue-tailed.  
 474 Best Black-tailed.  
 475 Best Yellow-tailed.  
 476 Best Collection Turbits.

**MAGPIES.**

- 477 Best Pair Starlings.  
 478 Best Pair Nuns.  
 479 Best Pair Dragons.  
 480 Best Pair Moorheads.  
 481 Best Pair Runts.  
 482 Best Pair Priests.  
 483 Best Pair Snells.  
 484 Best Pair Archangels.  
 485 Best Pair Ice.  
 486 Best Pair Dutchies.  
 487 Best Pair Pearls.  
 488 Best Pair Saulians.  
 489 Best Pair Swallows.  
 490 Best Collection Magpies.

**Lot 86—Miscellaneous.**

- 491 Best Display Poultry Yard Appliances,  
 not elsewhere specified.

**Lot 87—Displays.**

- 492 The largest number of Fowls, all  
 varieties combined, shown by one  
 exhibitor, scoring not less than 85  
 points each (not less than 25 speci-  
 mens to so score) ..... \$50 00  
 Second largest number (not less  
 than 15 specimens to score, not  
 less than 85 points each) ..... 25 00  
 493 Largest number of specimens of the  
 following varieties (either sex),  
 shown by one exhibitor, scoring  
 90 or more points (not less than 5  
 specimens, except where other-  
 wise noted):  
 Light Brahmas ..... 10 00  
 494 Dark Brahmas ..... 10 00  
 495 Buff Cochins ..... 10 00  
 496 Partridge Cochins ..... 10 00  
 497 Black Cochins and White Cochins ... 10 00

- 498 Langshans ..... \$10 00  
 499 Plymouth Rocks ..... 10 00  
 500 Wyandottes ..... 10 00  
 501 American Dominiques ..... 5 00  
 502 Black Javas ..... 5 00  
 503 Mottled Javas ..... 5 00  
 504 Single Comb Brown Leghorns ..... 10 00  
 505 Single Comb White Leghorns ..... 10 00  
 506 Rose Comb Brown Leghorns ..... 10 00  
 507 Rose Comb White Leghorns ..... 10 00  
 508 Dominique Leghorns ..... 5 00  
 509 Black Leghorns ..... 5 00  
 510 Gold and Silver Spangled Hamburgs. 5 00  
 511 Gold and Silver Penciled Hamburgs. 5 00  
 512 Black and White Hamburgs ..... 5 00  
 513 White and W. C. Black Polish ..... 5 00  
 514 Gold and Silver Polish ..... 5 00  
 515 Gold and Silver Bearded Polish ..... 5 00  
 516 Black Breasted Red Games... 10 00  
 517 Brown Breasted Red Games ..... 5 00  
 518 Red Pile Games ..... 10 00  
 519 White Pile Games ..... 5 00  
 520 Yellow and Silver Duck Wing Games 10 00  
 521 Black Games ..... 5 00  
 522 Dorkings (all varieties)... 10 00  
 523 Houdans, La Fleche and Crevecœur. 10 00  
 524 W. F. Black Spanish ..... 5 00  
 525 Game Bantams (all varieties)... 10 00  
 526 Bantams (other than Game)... 10 00  
 527 Best display of Bronze Turkeys (not  
 less than 5 in number) ..... 10 00  
 528 Best display of Turkeys (other than  
 Bronze) not less than 5 in number. 10 00  
 529 Best display of Geese ..... 10 00  
 530 Best display of Ducks ..... 10 00  
 531 Best display of Pigeons (not less than  
 20 pairs) ..... 10 00  
 532 Best display in Lot 83, Ornamental  
 (not less than 10 specimens) ..... 10 00  
 533 Best display in Lot 82, Miscellaneous  
 (not less than 5 specimens) ..... 5 00  
 534 Best trio of Capons ..... 3 00  
 535 Best display White Plymouth Rocks. 5 00  
 536 Best display White Wyandottes ..... 5 00  
 537 Best display Golden Wyandottes ..... 5 00  
 538 Best display Black Minorcas ..... 5 00  
 539 Best display White Minorcas ..... 5 00

**Lot 88—Breeding Pens.**

Best Breeding Pen, consisting of one  
 male and five females, of the following named  
 varieties.

- 541 Best Light Brahmas ..... \$10 00  
 Second best ..... 5 00  
 542 Dark Brahmas ..... 10 00  
 Second best ..... 5 00  
 543 Best Buff Cochins ..... 10 00  
 Second best ..... 5 00  
 544 Best Partridge Cochins ..... 10 00  
 Second best ..... 5 00  
 545 Best Black Cochins ..... 5 00  
 Second best ..... 3 00  
 546 Best White Cochins ..... 5 00  
 Second best ..... 3 00  
 547 Best Langshans ..... 10 00  
 Second best ..... 5 00  
 548 Best Plymouth Rocks ..... 10 00  
 Second best ..... 5 00  
 549 Best Wyandottes ..... 10 00  
 Second best ..... 5 00  
 550 Best American Dominiques ..... 5 00  
 Second best ..... 3 00  
 551 Best Black Javas ..... 5 00  
 Second best ..... 3 00  
 552 Best Mottled Javas ..... 5 00  
 Second best ..... 3 00  
 553 Best Single Comb Brown Leghorns.. 10 00  
 Second best ..... 5 00  
 554 Best Single Comb White Leghorns... 10 00  
 Second best ..... 5 00  
 555 Best Rose Comb Brown Leghorns ... 10 00  
 Second best ..... 5 00  
 556 Best Rose Comb White Leghorns... 10 00  
 Second best ..... 5 00  
 557 Best Silver or Gold Spangled Ham-  
 burgs ..... 5 00  
 Second best ..... 3 00



558	Best Silver or Gold Penciled Hamburgs .....	\$5 00	563	Best Brown Red Games .....	\$5 00
	Second best.....	3 00		Second best.....	3 00
559	Best White or Black Hamburgs.....	5 00	564	Best Pile Games .....	10 00
	Second best.....	3 00		Second best.....	5 00
560	Best White or W. C. Black Polish ....	5 00	565	Best Duck Wing or Black Games....	5 00
	Second best.....	3 00		Second best.....	3 00
561	Best Gold or Silver Polish, Plain or Bearded .....	5 00	566	Best Dorkings.....	5 00
	Second best.....	5 00		Second best.....	3 00
562	Best B. B. Red Games .....	10 00	567	Best Houdans.....	5 00
	Second best.....	5 00		Second best.....	3 00

**Lot 89—Incubator, etc.**

- 568 Incubator hatching the largest per cent. of chicks from not less than 100 eggs (not less than 40 per cent of eggs to be hatched to entitle the exhibitor to a premium)....\$100 00  
 Second best..... 50 00

All entries must be made not less than two weeks before the opening of the Show.

All Incubators must be in Exposition Building in Chicago on or before the first day of the Show.

Hatching must commence not later than the third day of the Show.

No competitor allowed to enter more than two Incubators to compete for above prizes.

Eggs in each Incubator will be marked and counted on the first day of the Show.

Each Incubator will be closed and sealed immediately after eggs are counted and marked, and can be opened only in presence of the Superintendent of the department.

No eggs allowed to be put into any Incubator entered for competition after eggs are first counted.

No chicks to be removed from any Incubator except in presence of the Superintendent.

Chicks can be removed from Incubator and counted only between the hours of nine and ten o'clock a. m., and seven and eight o'clock p. m.

No chick to be counted unless alive and free from the shell, and no chick to be assisted from the shell.

Only gas can be used in operating Incubators, as no oil will be permitted in the Exposition Building.

Any violation of the above rules will debar the exhibitor from competition.

No Incubator to be considered unless 40 per cent. of eggs are hatched.

**Lot 90—Poultry Yard Appliances.**

569	Best Brooder.....	\$10 00
570	Best Display of Poultry Supplies....	10 00
571	Best Package of Eggs Packed for Shipment .....	2 00
572	Best Shipping Coop .....	2 00
573	Best Brood Coop .....	2 00
574	Best Exhibition Coop.....	2 00
575	Best Marker.....	1 00

**Lot 91—Eggs.**

576	Best 2 Dozen Eggs, "Asiatic" .....	3 00
	Second best .....	2 00

577	Best 2 Dozen Eggs, "American" .....	\$3 00
	Second best.....	2 00
578	Best 2 Dozen Eggs, "Other varieties" .....	3 00
	Second best .....	2 00
579	Best 2 Dozen Eggs, "Turkey".....	3 00
	Second best .....	2 00
580	Best 2 Dozen Eggs, "Goose" .....	3 00
	Second best .....	2 00
581	Best 2 Dozen Eggs, "Duck" .....	3 00
	Second best .....	2 00

Weight of Eggs to count 6 points, uniformity of shape 2 points, and uniformity of color 2 points.



# THIRD ANNUAL AMERICAN DAIRY SHOW,

## ENTRIES:

## INSTRUCTIONS FOR FILLING BLANKS:

2. Application for entry of articles not enumerated in the Premium List, may be made as *miscellaneous*, and if commended by the Committee, will receive the attention of the Board at the Annual Meeting in January, 1888.

ARTICLE--Use the Wording of the List.

.....in the County of.....1887.  
 .....day of.....Notary Public.



**CLASS N—Dairy Department.**

**E. E. CHESTER, Superintendent.**

1. All articles must be entered and cards obtained from the Secretary before space will be assigned. Entries must be made on or before November 1, 1887, by application to the Secretary, at Springfield, who will furnish necessary blanks.
2. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitors' tickets at \$1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.
3. A shipping card will be furnished each exhibitor at time of making entry, specifying the class, lot, number of entry and number of premium competed for. Exhibitors will find their entry cards and admission ticket ready for them at the office of the Secretary on the first day of the Show.
4. All articles for the Show should be billed to the "Dairy Show, Exposition Building, Chicago," *with charges prepaid*.
5. Samples of Dairy butter to consist of not less than 20 pounds, samples of Creamery butter to consist of not less than 50 pounds, and samples of prints to consist of not less than five prints, and not more than one pound in each print.
6. Each entry will require a separate package except in Sweepstakes and Grand Sweepstakes, and only samples awarded first prizes are eligible to compete for Sweepstakes prizes, and only samples awarded Sweepstakes prizes are eligible to compete for Grand Sweepstakes prizes.
7. "Dairy Butter" shall consist of butter made on the farm, not in a factory, from milk of cows kept on one or more farms (by one individual or firm).
8. "Creamery Butter" shall consist of butter made in a factory, from the milk of cows kept on one or more farms (by two or more individuals, or firms), and shall be divided into two classes, viz: Whole milk and gathered cream.
9. No awards will be made on butter in the manufacture of which any additional matter was used except cream from the milk of cows, salt and coloring matter. No awards will be made on cheese in the manufacture of which any additional matter was used except milk from cows, rennet or rennetine, salt, and coloring matter was used, nor on anything else than full cream cheese.
10. Awards will be made by an expert committee of three persons with following scale of points: Butter—Flavor 45, grain 30, color 15, salting 10; total 100. Cheese—Flavor 30, quality 30, texture 20, color 10, salting 10; total 100.
11. All statements of facts required of exhibitors must be in writing and forwarded with the application for entry.
12. Each entry in Lots 92 to 101 and 106 to 114 must be accompanied by a statement of time, place and mode of manufacture.
13. Awarding committees are instructed that if they have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain an award by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for at least two years.
14. All special prizes offered by individuals or firms must be duplicates of regular prizes.
15. No marks designating ownership will be permitted on packages of butter and cheese until after the awards are made.
16. No premiums will be offered for dairy utensils, but every facility afforded for exhibition.
17. Articles on exhibition cannot be removed until the close of the Show.



**BUTTER.****Lot 92—Illinois.**

582	Best Dairy Butter.....	\$10 00
	Second best.....	5 00
583	Best Creamery Butter (whole milk)..	10 00
	Second best.....	5 00
584	Best Creamery Butter (gathered cream).....	10 00
	Second best.....	5 00

**Lot 93—Indiana.**

585	Best Dairy Butter.....	\$10 00
	Second best.....	5 00
586	Best Creamery Butter (whole milk)..	10 00
	Second best.....	5 00
587	Best Creamery Butter (gathered cream).....	10 00
	Second best.....	5 00

**Lot 94—Iowa.**

588	Best Dairy Butter.....	\$10 00
	Second best.....	5 00
589	Best Creamery Butter (whole milk)..	10 00
	Second best.....	5 00
590	Best Creamery Butter (gathered cream).....	10 00
	Second best.....	5 00

**Lot 95—Michigan.**

591	Best Dairy Butter.....	\$10 00
	Second best.....	5 00
592	Best Creamery Butter (whole milk)..	10 00
	Second best.....	5 00
593	Best Creamery Butter (gathered cream).....	10 00
	Second best.....	5 00

**Lot 96—Minnesota.**

594	Best Dairy Butter.....	\$10 00
	Second best.....	5 00
595	Best Creamery Butter (whole milk)..	10 00
	Second best.....	5 00
596	Best Creamery Butter (gathered cream).....	10 00
	Second best.....	5 00

**Lot 97—Wisconsin.**

597	Best Dairy Butter.....	\$10 00
	Second best.....	5 00
598	Best Creamery Butter (whole milk)..	10 00
	Second best.....	5 00
599	Best Creamery Butter (gathered cream).....	10 00
	Second best.....	5 00

**Lot 98—Canada and other States not named.**

600	Best Dairy Butter.....	\$10 00
	Second best.....	5 00
601	Best Creamery Butter (whole milk)..	10 00
	Second best.....	5 00
602	Best Creamery Butter (gathered cream).....	10 00
	Second best.....	5 00

**Lot 99—Sweepstakes.**

Only first prize packages in Lots 92 to 98 eligible for entry.

603	Best Dairy Butter.....	\$25 00
604	Best Creamery Butter (whole milk)..	25 00
605	Best Creamery Butter (gathered cream).....	25 00

**Lot 100—Grand Sweepstakes.**

Only packages taking prizes in Lot 99 eligible to entry.

606	Best Butter in the Show .....	\$50 00
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**Lot 101—Print Butter.**

Packages not less than 5 pounds of not more than 1 pound prints.

607	Best print Butter made in Illinois....	\$6 00
	Second best.....	3 00
608	Best print Butter made in Indiana....	6 00
	Second best.....	3 00

609	Best print butter made in Iowa.....	\$6 00
	Second best.....	3 00
610	Best print Butter made in Michigan..	6 00
	Second best.....	3 00
611	Best print Butter made in Minnesota..	6 00
	Second best.....	3 00
612	Best print Butter made in Wisconsin..	6 00
	Second best.....	3 00
613	Best print Butter made in Canada or any other State not named.....	6 00
	Second best.....	3 00

**Lot 102—Sweepstakes.**

Only first prize packages in Lot 101 eligible to entry.

614	Best print Butter.....	\$15 00
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**Lot 103—Butter from the milk of one recorded cow of each of the following breeds of cattle.**

Package not less than 5 pounds.

615	Best Jersey Butter.....	\$6 00
	Second best.....	3 00
616	Best Guernsey Butter.....	6 00
	Second best.....	3 00
617	Best Ayrshire Butter.....	6 00
	Second best.....	3 00
618	Best Holstein-Friesian Butter.....	6 00
	Second best.....	3 00
619	Best Devon Butter.....	6 00
	Second best.....	3 00
620	Best Short-Horn butter.....	6 00
	Second best.....	3 00
621	Best Hereford Butter.....	6 00
	Second best.....	3 00
622	Best Angus Butter.....	6 00
	Second best.....	3 00
623	Best butter from one unrecorded, grade or cross bred cow.....	6 00
	Second best.....	3 00

**Lot 104—Sweepstakes.**

Only prize packages in Lot 103 eligible to entry.

623½	Best butter from the milk of one cow.....	\$15 00
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**Lot 105—Miscellaneous.**

624	Best display of fancy prints in shipping case .....	\$10 00
	Second best .....	5 00
625	Best novel design made of butter ...	20 00
	Second best .....	10 00
626	Best sample of butter of not less than ten pounds made in the building from the cream raised or extracted in the building.....	10 00
	Second best.....	5 00
627	Best result in raising or extracting cream from similar milk, furnished exhibitors at cost .....	10 00
	Second best.....	5 00
628	Best display of granulated butter in glass.....	10 00
	Second best.....	5 00

**CHEESE.****Lot 106—Illinois.**

629	Best case not less than 40 pounds Cheddar Cheese .....	\$10 00
	Second best .....	5 00
630	Best case not less than 30 pounds Flat Cheese .....	10 00
	Second best .....	5 00
631	Best case, Young America Cheese... ..	10 00
	Second best .....	5 00
632	Best Full Cream Cheese, any other variety or make.....	10 00
	Second best.....	5 00

**Lot 107—Indiana.**

633	Best case not less than 40 pounds Cheddar Cheese .....	\$10 00
	Second best.....	5 00
634	Best case not less than 30 pounds Flat Cheese .....	10 00
	Second best .....	5 00



- 635 Best case Young America Cheese....\$10 00  
Second best..... 5 00  
636 Best Full Cream Cheese, any other  
variety or make..... 10 00  
Second best. .... 5 00

**Lot 108—Iowa.**

- 637 Best case not less than 40 pounds  
Cheddar cheese .....\$10 00  
Second best..... 5 00  
638 Best case not less than 30 pounds  
Flat Cheese..... 10 00  
Second best ..... 5 00  
639 Best case Young America Cheese ... 10 00  
Second best..... 5 00  
640 Best Full Cream Cheese, any other  
variety or make.... 10 00

**Lot 109—Michigan.**

- 641 Best case not less than 40 pounds  
Cheddar Cheese.....\$10 00  
Second best..... 5 00  
642 Best case not less than 30 pounds  
Flat Cheese... 10 00  
Second best..... 5 00  
643 Best case Young America Cheese ... 10 00  
Second best..... 5 00  
644 Best Full Cream Cheese, any other  
variety or make..... 10 00  
Second best..... 5 00

**Lot 110—Minnesota.**

- 645 Best case not less than 40 pounds  
Cheddar Cheese.....\$10 00  
Second best ..... 5 00  
646 Best case not less than 30 pounds  
Flat Cheese..... 10 00  
Second best..... 5 00  
647 Best case Young America Cheese ... 10 00  
Second best..... 5 00  
648 Best Full Cream Cheese, any other  
variety or make..... 10 00  
Second best..... 5 00

**Lot 111—Wisconsin.**

- 649 Best case not less than 40 pounds  
Cheddar Cheese .....\$10 00  
Second best..... 5 00  
650 Best case not less than 30 pounds  
Flat Cheese..... 10 00  
Second best..... 5 00

- 651 Best case Young America Cheese ...\$10 00  
Second best..... 5 00  
652 Best Full Cream Cheese, any other  
variety or make..... 10 00  
Second best ..... 5 00

**Lot 112—Canada or Any Other State  
not Named.**

- 653 Best case not less than 40 pounds  
Cheddar Cheese .....\$10 00  
Second best..... 5 00  
654 Best case not less than 30 pounds  
Flat Cheese..... 10 00  
Second best..... 5 00  
655 Best case Young America Cheese ... 10 00  
Second best..... 5 00  
656 Best Full Cream Cheese, any other  
variety or make..... 10 00  
Second best..... 5 00

**Lot 113—Sweepstakes.**

Only first prize packages in Lots 106 to 112  
eligible to entry.

- 657 Best case of Cheddar Cheese.....\$25 00  
658 Best case of Flat Cheese ..... 25 00  
659 Best case of Young America Cheese 25 00  
660 Best case of Full Cream Cheese of  
any other make or variety..... 25 00

**Lot 114—Grand Sweepstakes.**

Only packages taking prizes in Lot 113 eligible  
to entry.

- 661 Best Cheese in Show.....\$50 00

**Lot 115—Dairy Implements and Ap-  
pliances.**

- 662 Display of Butter-making Utensils.  
663 Display of Cream-raising Utensils.  
664 Display of Machinery for Dairy use.  
665 Display of Butter and Cheese packages.  
666 Display of Butter and Cheese Color.  
667 Display of Dairy Salt.  
668 Display of Rennet or Rennetine.  
669 Display of Refrigerators for Dairy use.



# SPECIAL PREMIUMS

FOR THE

## AMERICAN FAT STOCK, DAIRY HORSE SHOWS

FOR 1887.

The following prizes have been donated to encourage the exhibition, but have been designated by the Committee of the Board of Agriculture to the different breeds, except where noted.

### CLASS A—Cattle.

#### Lot 1—Short-Horn.

The American Short-Horn Breeders' Association offer to duplicate the following and any other premiums awarded pure bred Short-Horn Cattle exhibited at the Tenth American Fat Stock Show:

Best Steer or Spayed Cow 3 and under	
4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 2 and under	
3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 1 and under	
2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer under 1 year	30 00
Second best.....	20 00
Third best.....	10 00

#### SHORT-HORN HERD.

Best herd, to consist of Steer or Spayed Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.....\$100 00

#### SWEEPSTAKES.

Best animal shown in Lot 1, Short-Horn..\$75 00

The Michigan Short-Horn Cattle Breeders' Association will duplicate all premiums awarded pure bred Short-Horn Cattle, bred and owned in Michigan, exhibited at the Tenth American Fat Stock Show. The owner to be a member of this Association previous to time of award.

#### Lot 2—Hereford.

The American Hereford Cattle Breeders' Association offer the following premiums for pure bred Herefords exhibited at the Tenth American Fat Stock Show:

Best Steer or Spayed Cow 3 and under	
4 years.....	\$75 00
Best Steer or Spayed Heifer 2 and under	
3 years.....	75 00
Best Steer or Spayed Heifer 1 and under	
2 years.....	75 00
Best Steer or Spayed Heifer under 1 year	75 00

#### HEREFORD HERD.

Best herd, to consist of Steer or Spayed

Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.....\$150 00

#### SWEEPSTAKES.

Best animal shown in Lot 2, Hereford...\$100 00

Best pure bred Hereford Steer, 3 and under 4 years old, the David Bradley Manufacturing Company, 63 North Desplaines Street, Chicago, offer a Square Corner Gang Plow, value, \$95.00.

Best pure bred Hereford Steer or spayed Heifer under 1 year old, L. A. Raven & Co., 1425 State St., Chicago, offer Raven's Horse, Cattle and Poultry Food, to the value of \$5.00.



**Lot 4—Aberdeen-Angus.**

The American Aberdeen Angus Association offer the following premiums for pure bred Aberdeen-Angus Cattle, exhibited at the Tenth American Fat Stock Show:

Best Steer or Spayed Cow 3 and under 4 years.....	\$75 00
Best Steer or Spayed Heifer 2 and under 3 years.....	75 00
Best Steer or Spayed Heifer 1 and under 2 years.....	75 00
Best Steer or Spayed Heifer under 1 year.	75 00

**ABERDEEN-ANGUS HERD.**

Best herd, to consist of Steer or Spayed

Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.....\$100 00

**SWEEPSTAKES.**

Best animal shown in Lot 4—Aberdeen-Angus.....\$100 00

**Lot 5—Holstein-Friesian.**

The Holstein-Friesian Association of America offer to duplicate the following and any other premiums awarded pure bred Holstein-Friesian Cattle exhibited at the Tenth American Fat Stock Show:

Best Steer or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer under 1 year	30 00
Second best.....	20 00
Third best.....	10 00

**HOLSTEIN-FRIESIAN HERD.**

Best herd, to consist of Steer or Spayed Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.....\$100 00

**SWEEPSTAKES.**

Best animal shown in Lot 5, Holstein-Friesian.....\$75 00

**Lot 7—Grades and Crosses.**

The Michigan Short-Horn Cattle Breeders' Association will duplicate all premiums awarded at the Tenth American Fat Stock Show to Grade Short-Horn Cattle, sired by a Short-Horn, bred and owned in Michigan. The owner to be a member of this Association previous to the award.

The American Hereford Cattle Breeders' Association will add to all premiums won at the Tenth American Fat Stock Show by grades, sired by registered Hereford Bull, the following amounts.

Best Steer or Spayed Cow 3 and under 4 years.....	\$50 00
Best Steer or Spayed Heifer 2 and under 3 years.....	50 00
Best Steer or Spayed Heifer 1 and under 2 years.....	50 00
Best Steer or Spayed Heifer under 1 year old .....	50 00

**GRADE HERD.**

Best Herd Grades and Crosses, to consist of Steer or Spayed Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old....\$100 00

**SWEEPSTAKES.**

Best animal shown in Lot 7 — Grades and Crosses.....\$75 00

The American Aberdeen-Angus Association will add to all premiums won at the Tenth American Fat Stock Show by grades, sired by registered Aberdeen-Angus Bull, the following amounts:

Best Steer or Spayed Cow, 3 and under 4 years .....	\$50 00
Best Steer or Spayed Heifer, 2 and under 3 years .....	50 00
Best Steer or Spayed Heifer, 1 and under 2 years.....	50 00
Best Steer or Spayed Heifer, under 1 year	50 00

**GRADE HERD.**

Best herd Grades and Crosses, to consist of Steer or Spayed Cow, 3 and under 4 years, Steer and Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year .....\$75 00

**SWEEPSTAKES.**

Best animal shown in Lot 7, Grades and Crosses .....\$75 00

**Lot 9—All Breeds and Grades by Ages.**

Best Steer or Spayed Cow, 3 and under 4 years of age, Eureka Mower Co., Utica, N. Y., offers a seven foot Eureka Mower, value ..... \$100 00



**Lot 10—Sweepstakes.**

Best Short-Horn on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	\$ 50 00
Best Short-Horn on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Hereford on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago offer cash.....	50 00
Best Hereford on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Devon on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	50 00
Best Devon on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Aberdeen-Angus on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	50 00
Best Aberdeen-Angus on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Holstein-Friesian on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	50 00
Best Holstein-Friesian on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Grade and Cross on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer.....	50 00
Best Grade and Cross on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00

**Lot 11—Grand Sweepstakes.**

Best Steer, Spayed Cow or Heifer in the Show, bred and raised by the exhibitor, J. H. Sanders Publishing Co., Chicago, offers the <i>Breeder's Gazette</i> Gold Challenge Shield valued at .....	\$125 00
This medal to be won two years in succession or any three years by the same person before it becomes his absolute property.	
The American Hereford Cattle Breeders Association offers for the best Steer, Spayed Cow or Heifer in the Show, if such animal be a Pure Bred Hereford.....	\$300 00
If won by a Grade Hereford, sired by a registered Hereford bull .....	250 00
The American Aberdeen-Angus Association offers for the best Steer, Spayed Cow or Heifer in the Show, if such animal be a Pure Bred Aberdeen-Angus.....	200 00
If won by a Grade Aberdeen-Angus, sired by a registered Aberdeen-Angus bull.....	150 00
Best Steer, Spayed Cow or Heifer in the Show, E. W. Blatchford & Co., 70 N. Clinton street, Chicago, offer 500 pounds Blatchford's Royal Stock Food Cattle Cake, value.....	7 75
Best Steer, Spayed Cow or Heifer in the Show, Schuttler & Hotz, Chicago, offer one stock-raisers' two-horse Passenger Wagon, complete; with box resting on four of their Improved Inverted Half-Springs, and fitted with three cushioned Spring Seats—two of them with upholstered lazy-backs—with ornamental bent dash, whip-socket, steps, etc. Value .....	110 00

**Lot 13—Sweepstakes Herd.**

The American Hereford Cattle Breeders' Association offers for the best Herd in the Show, provided such Herd contains only pure bred Hereford cattle.....	\$500 00
If won by a herd of Grade Herefords, sired by registered Herefords .....	300 00
The American Aberdeen-Angus Association offers for the best Herd in the Show, provided such herd contains only pure bred Aberdeen-Angus cattle .....	300 00
If won by grade Aberdeen-Angus, sired by registered Aberdeen-Angus bulls .....	200 00
Best Herd in the Show, E. W. Blatchford & Co., Chicago, offer 500 pounds Blatchford's Calf Rearing Meal, valued at .....	8 00

**Lot 14—Dressed Carcass.**

The American Hereford Cattle Breeders' Association will add to the carcass prizes named below, providing they are won by pure bred Herefords, the following amounts:

Best Carcass Steer or Spayed Cow, 3 and under 4 years.....	\$ 75 00
Best Carcass Steer or Spayed Heifer, 2 and under 3 years .....	75 00
Best Carcass Steer or Spayed Heifer, 1 and under 2 years .....	75 00

If carcass prizes are won by grades sired by a registered Hereford, the Association will add the following amounts:

Best Carcass Steer or Spayed Cow, 3 and under 4 years .....	\$ 50 00
Best Carcass Steer or Spayed Heifer, 2 and under 3 years.....	50 00
Best Carcass Steer or Spayed Heifer, 1 and under 2 years.....	50 00

The American Aberdeen-Angus Association will add to the carcass prizes named below, providing they are won by pure bred Aberdeen-Angus cattle the following amounts:

Best Carcass Steer or Spayed Cow, 3 and under 4 years .....	\$ 75 00
Best Carcass Steer or Spayed Heifer 2 and under 3 years,...	75 00
Best Carcass Steer or Spayed Heifer 1 and under 2 years.....	75 00

If carcass prizes are won by grades sired by a registered Aberdeen-Angus, the Association will add the following amounts:

Best Carcass Steer or Spayed Cow, 3 and under 4 years .....	\$ 50 00
Best Carcass Steer or Spayed Heifer, 2 and under 3 years .....	50 00
Best Carcass Steer or Spayed Heifer, 1 and under 2 years .....	50 00

**Lot 15—Dressed Carcass—Sweepstakes.**

The American Hereford Breeders' Association will pay for best Carcass Steer or Spayed Heifer of any age, if prize is awarded to a pure bred Hereford .....	\$300 00
If won by a Grade sired by a registered Hereford.....	250 00
The American Aberdeen-Angus Association will pay for best Carcass Steer or Spayed Heifer of any age, if prize is awarded to a pure bred Aberdeen-Angus.....	200 00
If won by a Grade sired by a registered Aberdeen-Angus.....	150 00
Best Carcass of Steer or Spayed Heifer of any age, Fairbanks, Morse & Co., Chicago, offer one four-ton scale, with double beam and weigh box, valued at.....	175 00



**CLASS B—Horses.****Lot 20—Cleveland Bay.**

The American Cleveland Bay Horse Association provides the following premiums to be awarded at the American Horse Show. Entries to be made in compliance with the rules of the Cleveland Bay Horse Association.

Best Stallion, 4 years old or over.....	\$50 00	Third best.....	\$15 00
Second best.....	25 00	Fourth best.....	10 00
Third best.....	15 00	Best Mare, 3 years old and under 4.....	50 00
Fourth best.....	10 00	Second best.....	25 00
Best Stallion, 3 years old and under 4...	50 00	Third best.....	15 00
Second best.....	25 00	Fourth best.....	10 00
Third best.....	15 00	Best pair Mares any age.....	50 00
Fourth best.....	10 00	Second best.....	25 00
Best Mare, 4 years old or over.....	50 00	Third best.....	15 00
Second best.....	25 00	Fourth best.....	10 00

**Lot 24—Equestrianism.**

Best Gentleman Rider, C. D. Peacock, 96 and 98 State street, Chicago, offers a Gentleman's Horseshoe Scarf Pin, studded with diamonds, value..... \$25 00

**Lot 29—Percheron.**

The Societe Hippique Percheronne de France offers the following premiums:

Best Percheron Stallion and five of his get—Gold Medal.

Best Percheron Mare and two of her colts—Gold Medal.

**Draft Stallion.**

Draft Stallion, any breed, J. H. Fenton, importer and manufacturer of fine horse goods, 211 and 213 Wabash avenue, Chicago, offers for the best recorded, first-prize Draft Stallion, 4 years old or over, a roller, roller-cloth, silver mounted bridle and lead bar, value..... \$40 00

**CLASS C—Sheep.****Lot 35—Shropshire.**

The American Shropshire Register Association offer the following premiums to be awarded Shropshire Sheep, exhibited at the Tenth American Fat Stock Show; all sheep competing *must* be registered in the American Shropshire Register Association Record.

Best Wether, over 2 years old.....	\$25 00	Third best.....	\$10 00
Second best.....	15 00	Best Wether, under 1 year.....	25 00
Third best.....	10 00	Second best.....	15 00
Best Wether, 1 and under 2 years.....	25 00	Third best.....	10 00
Second best.....	15 00		

**Lot 42—Sweepstakes.**

Best Southdown on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	\$ 5 00
Best Shropshire on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Hampshire on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Oxford on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Cotswold on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Leicester on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Lincoln on exhibition, L. A. Raven & Co., 1425 State Street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Cross-bred Wether on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00

**Lot 43—Grand Sweepstakes.**

Best Wether in the Show, Marshall Field & Co., Chicago, offer cash.....\$50 00

**Lot 45—Sweepstakes Pen.**

Best Pen Wethers in the Show, E. W. Blatchford & Co., Chicago, offer 500 pounds Blatchford's Royal Stock Food Cattle Cake, value.....\$ 7 75

**Lot 48—Dressed Carcass—Sweepstakes.**

Best Carcass Wether, any age, Marshall Field & Co., Chicago, offer cash.....\$50 00



## CLASS D—Swine.

### Lot 60—All Breeds and Grades by Ages.

- Best Barrow 12 and under 18 months old, Marshall Field & Co. Chicago, offer cash.....\$50 00  
 Best Barrow 6 and under 12 months old, Marshall Field & Co., Chicago, offer cash..... 50 00

### Lot 61—Sweepstakes.

- Best Berkshire on exhibition, L. A. Raven & Co, 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....\$ 5 00  
 Best Poland-China on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of..... 5 00  
 Best Chester White on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of..... 5 00  
 Best Essex on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of..... 5 00  
 Best Duroc Jersey Red on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of ..... 5 00  
 Best Yorkshire on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of..... 5 00  
 Best Suffolk on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of..... 5 00  
 Best Victoria on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of..... 5 00  
 Best Grade or Cross-bred Barrow on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of ..... 5 00

### Lot 62—Grand Sweepstakes.

- Best Barrow in the Show, Rice & Whitacre Mfg. Co., 42 and 44 West Monroe street, Chicago, offer a No. 1 Triumph Steam Generator, value.....\$50 00

### Lot 65—Sweepstakes Pen.

- Best Pen Barrows in the Show, E. W. Blatchford & Co., Chicago, offer 500 pounds Blatchford's Royal Stock Food Cattle Cake, value..... \$7 75

## CLASS E—Poultry.

S. S. Myers offers to the person shipping fowls the greatest distance to the American Poultry Show twenty pound box Chick-Chick-er-re-kee, the only patented egg food of its kind, F. O. B. at Philadelphia, Pa.; to make hens lay and prevent Gapes, Roup and Cholera,

Also for heaviest dozen chicken eggs, twenty pound box Chick-Chick-er-re-kee, the only patented egg food of its kind, F. O. B. at Philadelphia, Pa.; to make hens lay and prevent Gapes, Roup and Cholera.

Also for best display of turkeys, twenty pound box Chick-Chick-er-re-kee, F. O. B. at Philadelphia, Pa.; the only patented egg food of its kind to make hens lay and prevent Gapes, Roup and Cholera. Will ship to the parties upon notification from your association. I also offer to your association one case containing one dozen boxes, six pounds each, to be fed to the poultry and pigeons at your show, to prevent disease and increase egg production. F. O. B. at Philadelphia, Pa., if you will report results.

Yours respectfully,

S. S. MYERS.

## CLASS N—Dairy.

### Lot 99—Sweepstakes.

- Best Dairy Butter, A. H. Blackall & Son, Importers and Dealers in Coffees, Teas and Spices, 178 State street, and 172 West Madison street, Chicago, offer a Caddy of Tea, value.....\$15 00  
 Best Dairy Butter, Vermont Farm Machine Co., Bellows Falls, Vt., offers No. 2 Skinner Butter Worker, value..... 8 00  
 Best Dairy Butter, Chr. Hansen's Laboratory, Little Falls, N. Y. and 17 Dearborn St., Chicago, offers one gallon Hansen's Danish Butter Color, value..... 2 90  
 Best Creamery Butter (gathered cream), Chr. Hansen's Laboratory, Little Falls, N. Y. and 17 Dearborn St., Chicago, offers five gallons Hansen's Danish Butter Color, value..... 13 25



**Lot 100—Grand Sweepstakes—Butter.**

Best Butter in the Show, E. W. Blatchford & Co., Chicago, offer 500 pounds Blatchford's Royal Stock Food Cattle Cake, value.....\$ 7 75

**Lot 102—Sweepstakes.**

Best Print Butter in the Show, W. R. Fowler, La Fayette, Ind., offers a Polar Creamery, Family size, value.....\$36 00

Best Print Butter, Vermont Farm Machine Co., Bellows Falls, Vt., offers No. 2 Davis Swing Churn, value ..... 8 00

**Lot 104—Sweepstakes.**

Best Butter made from milk of one cow, W. R. Fowler, La Fayette, Ind., offers a Polar Creamery, Dairy size, value.....\$44 00

**Lot 113—Sweepstakes.**

Best Full Cream Cheese, Chr. Hansen's Laboratory, Little Falls, N. Y., and 17 Dearborn St., Chicago, offers one box Hansen's Rennet Tablets and one-half gallon Hansen's Cheese Color, value ... ..\$ 2 00

**Lot 114—Grand Sweepstakes—Cheese.**

Best Cheese in the Show, J. C. Vaughan, Seedsman, 42 LaSalle street and 146-148 Washington street, Chicago, offers No. 2 New England Root Cutter, value .....\$14 00

Best Cheese in the Show, Chr. Hansen's Laboratory, Little Falls, N. Y. and 17 Dearborn St., Chicago, offers four gallons Hansen's Rennet Extraet and two gallons Hansen's Cheese Color, value ..... 9 80

The Holstein-Friesian Association of America will duplicate all premiums awarded at the Third American Dairy Show, to butter and cheese made from the milk of registered Holstein-Friesian cows.

## \*DONATIONS\*

THE following subscriptions have been made in Chicago, to the General Premium Fund of the Fat Stock, Dairy and Horse Shows for 1887:

Union Stock Yards & Transit Co.,	- - - - -	\$3,000 00
(JOHN B. SHERMAN, Manager.)		
Chicago Board of Trade,	- - - - -	500 00
Grand Pacific Hotel,	- - - - -	500 00
(JOHN B. DRAKE, Proprietor.)		
Sherman House,	- - - - -	500 00
(J. IRVING PEARCE, Proprietor.)		
Palmer House,	- - - - -	500 00
(PALMER HOUSE CO., Proprietors.)		
Armour & Company,	- - - - -	200 00
Leland Hotel,	- - - - -	200 00
(WARREN F. LELAND, Proprietor.)		
J. V. Farwell & Company,	- - - - -	200 00
Commercial Hotel,	- - - - -	150 00
(C. W. DABB & Co., Proprietors.)		
Tremont House,	- - - - -	100 00
(JNO. A. RICE & Co., Proprietors.)		
Briggs House,	- - - - -	100 00
(FRANK UPHAM, Proprietor.)		
Clifton House,	- - - - -	100 00
(WOODCOCK & LORING, Proprietors.)		
Thompson's Restaurant,	- - - - -	75 00
(A. CUMMINGS, Proprietor.)		
McCoy Hotel,	- - - - -	75 00
(WILLIAM MCCOY, Proprietor.)		
Gault House,	- - - - -	75 00
(RODGERS & WELD, Proprietors.)		
J. M. W. Jones Stationery & Printing Co.,		50 00
Windsor European Hotel, 145 Dearborn St.,		50 00
Race Bros. Restaurant,	- - - - -	50 00
Hotel Brevoort,	- - - - -	50 00
(BENJAMIN & WENTWORTH, Proprietors)		
Hotel Richelieu,	- - - - -	50 00
(H. V. BEMIS, Proprietor.)		
The Fair,	- - - - -	50 00
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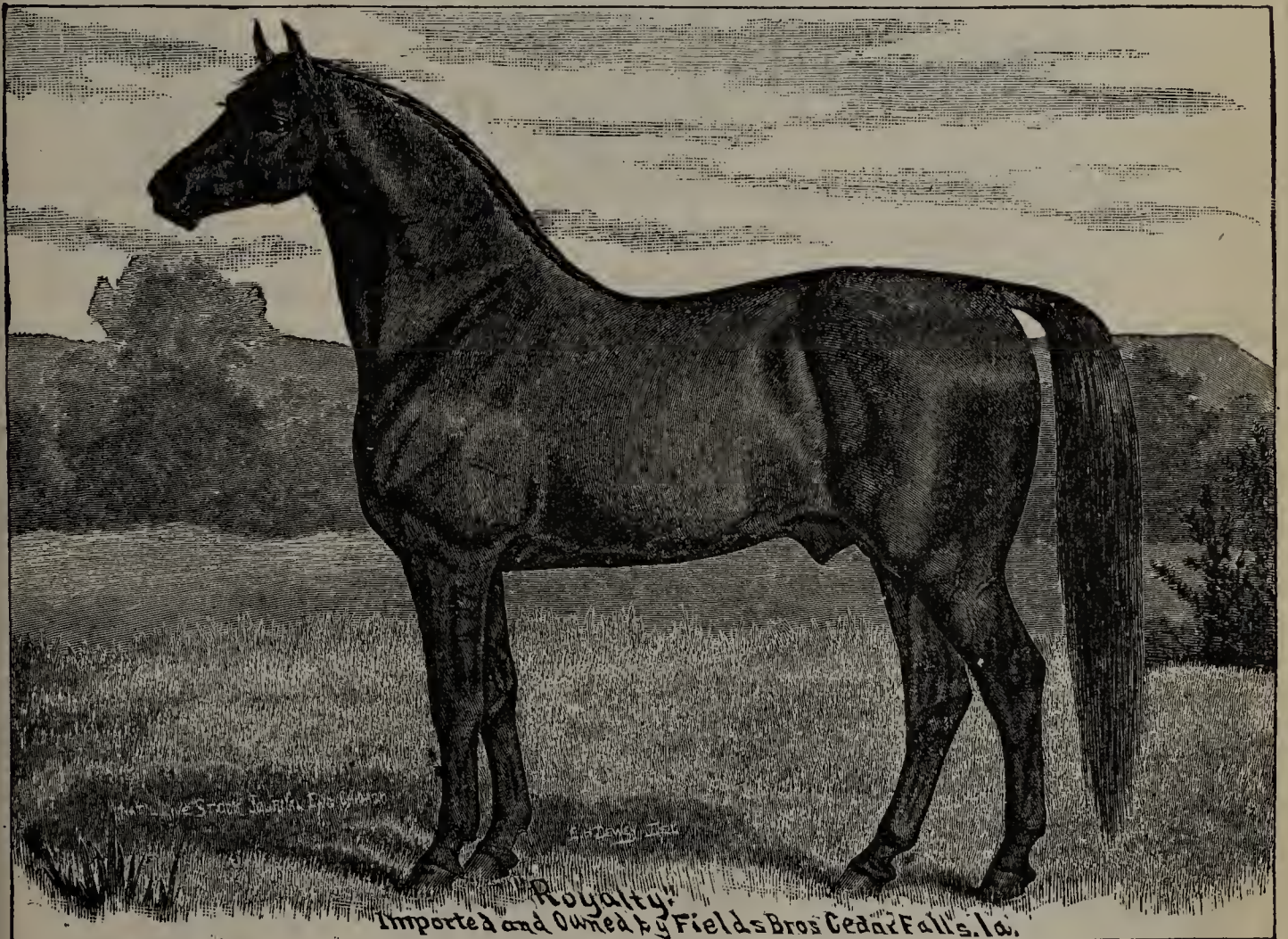
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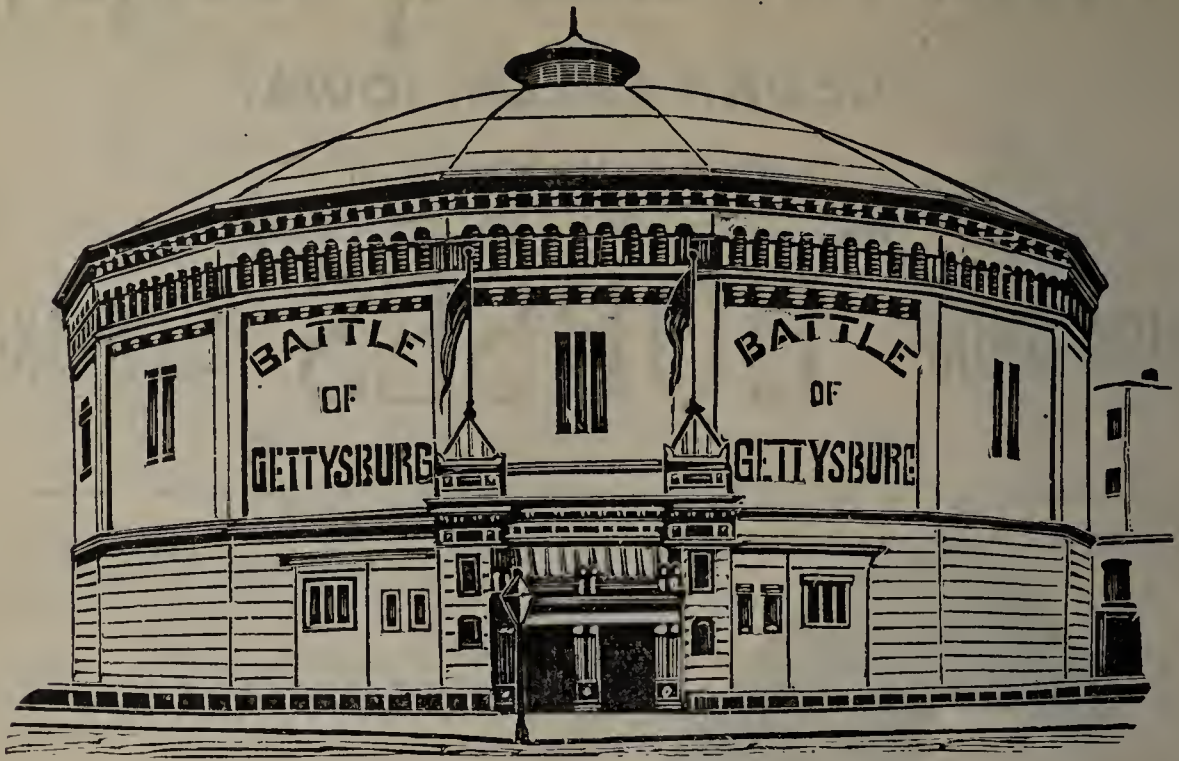
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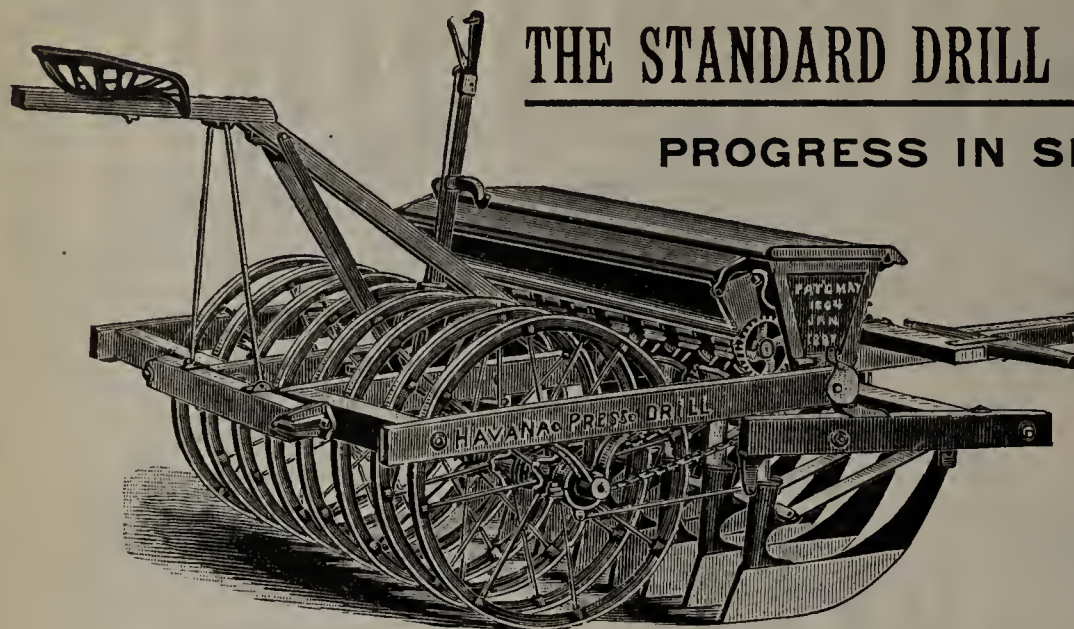


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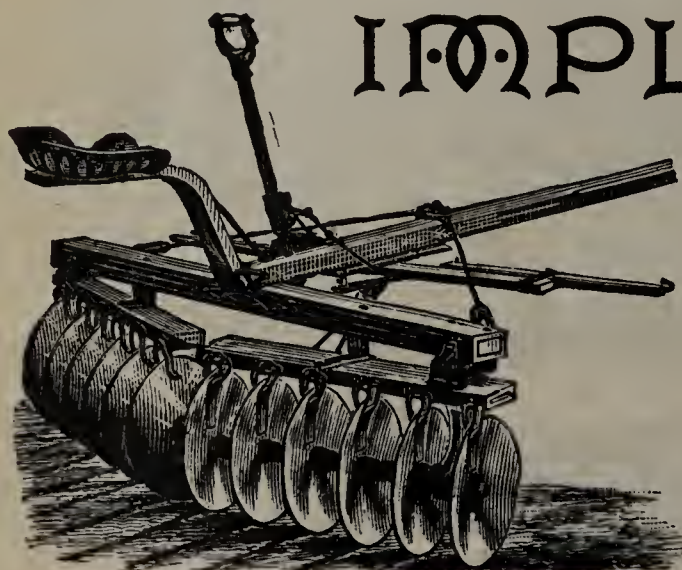
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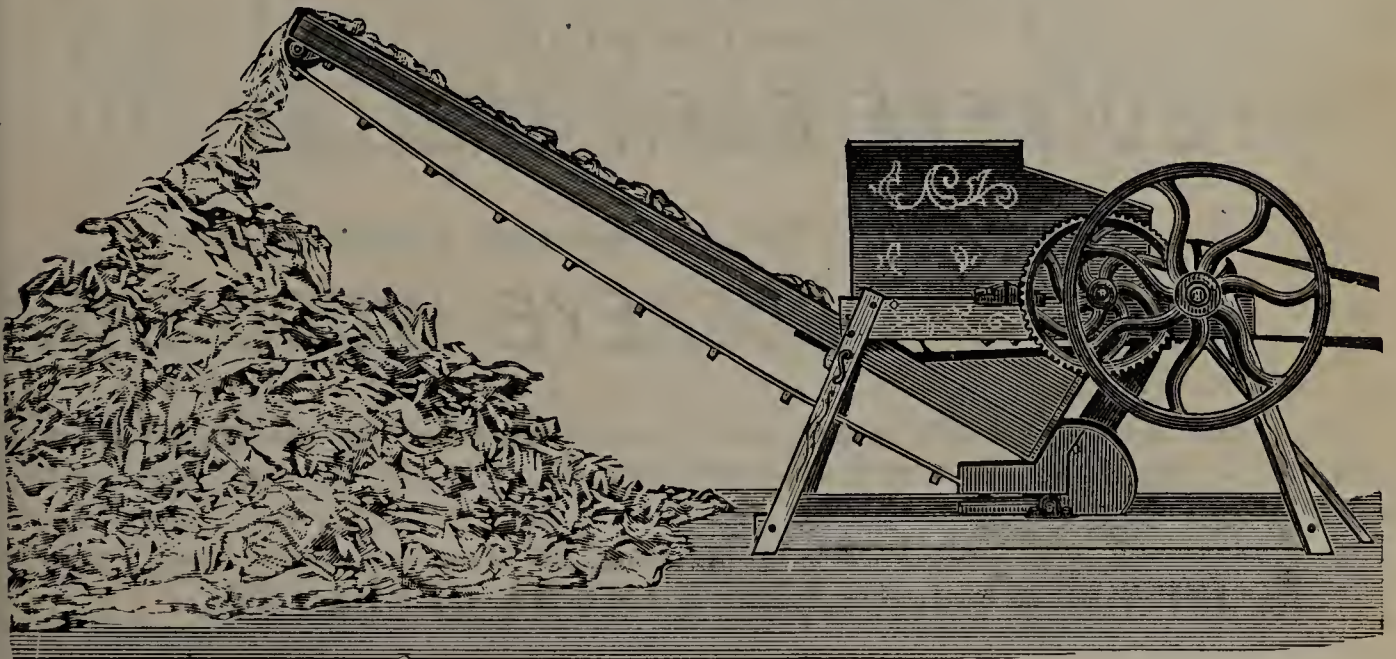
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
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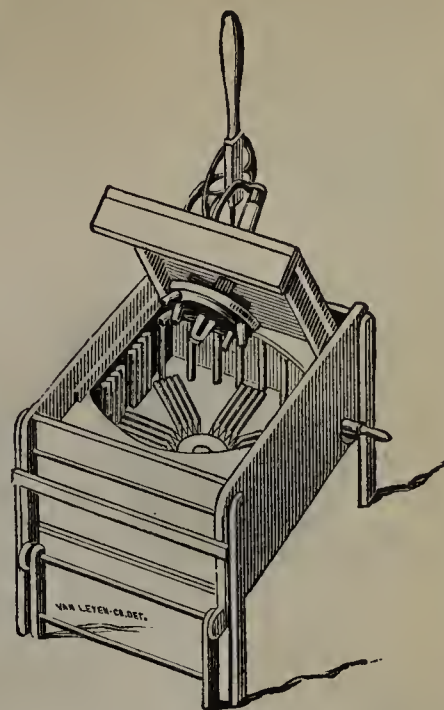
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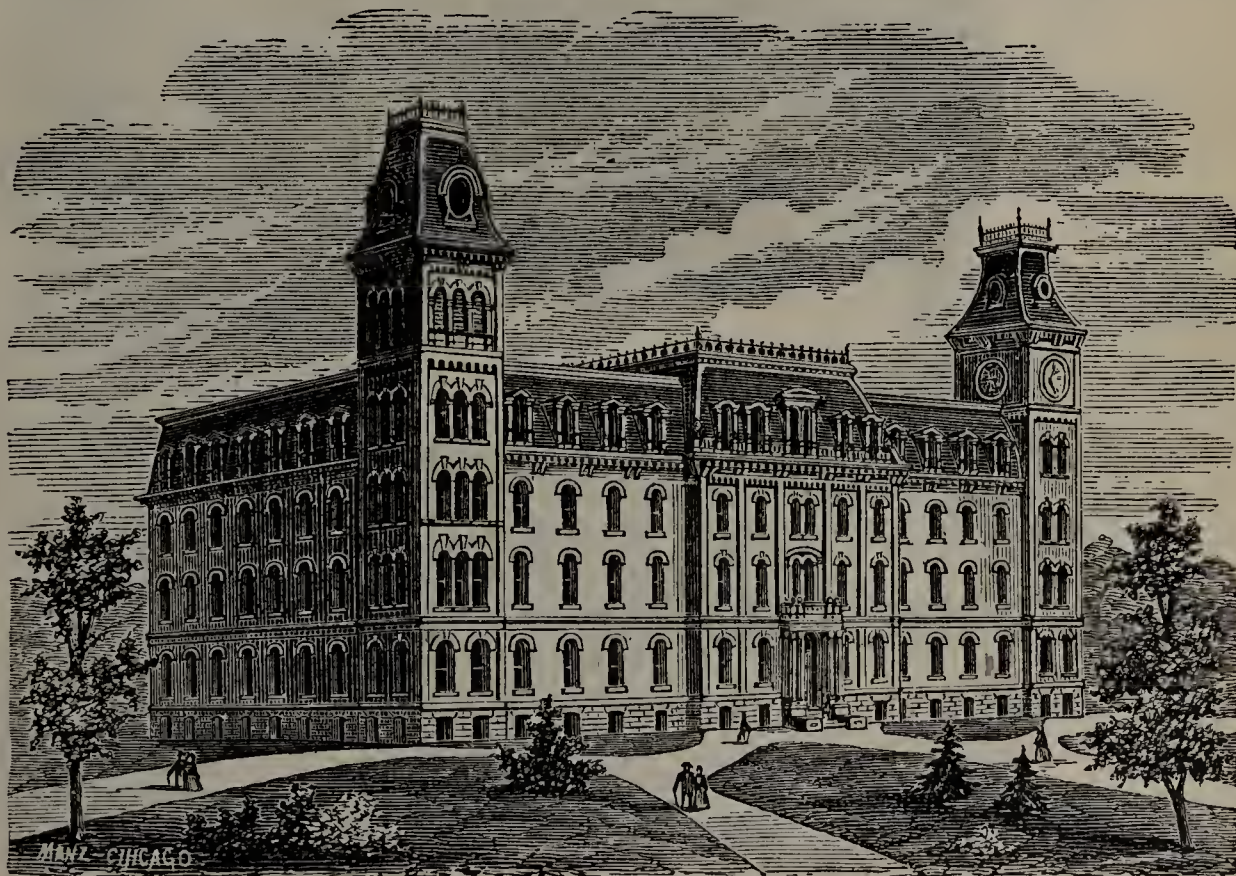
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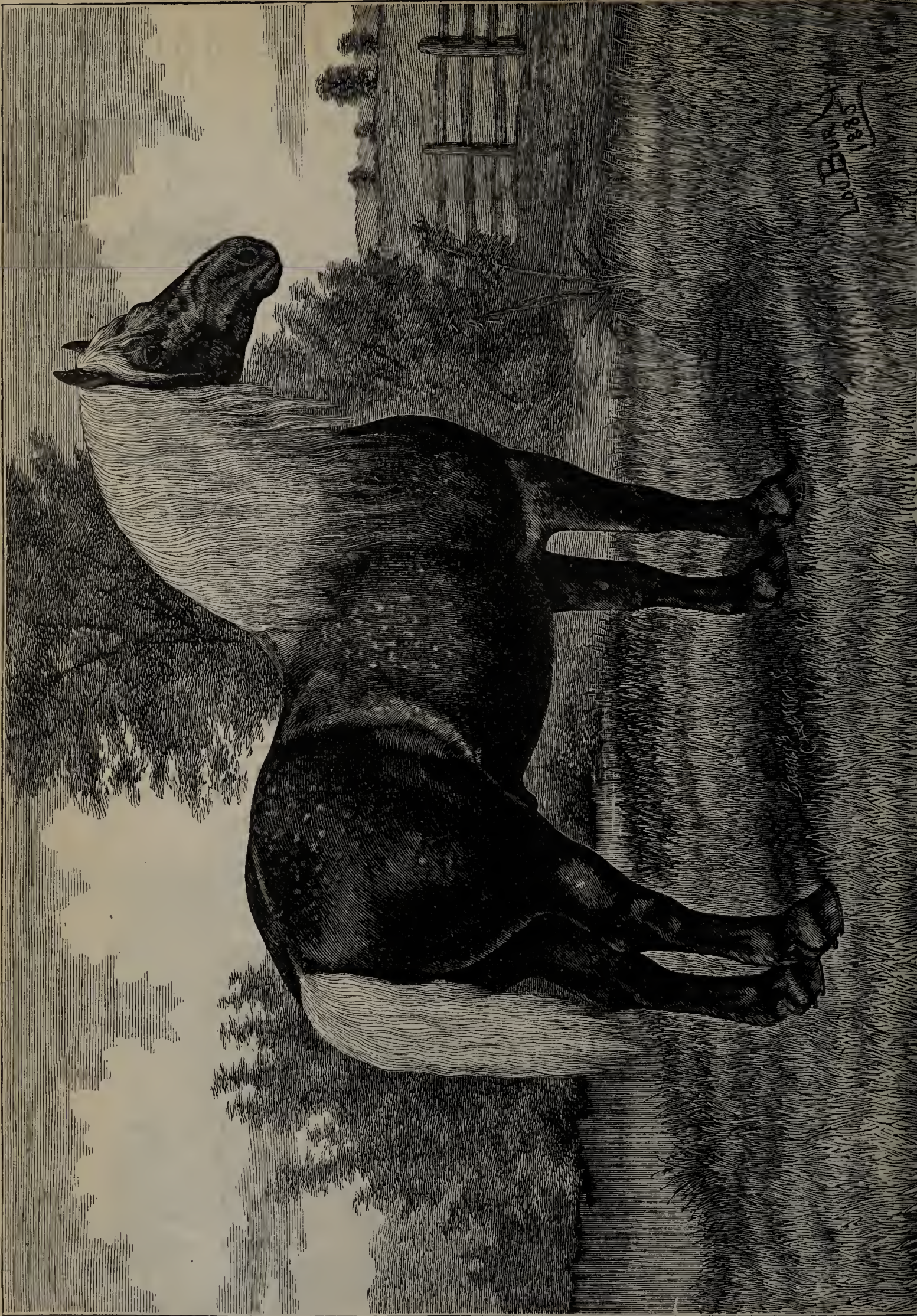
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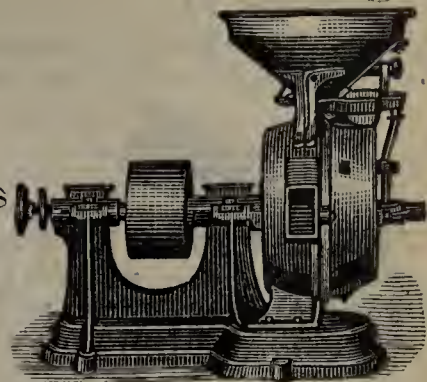
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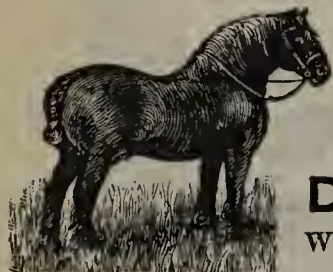
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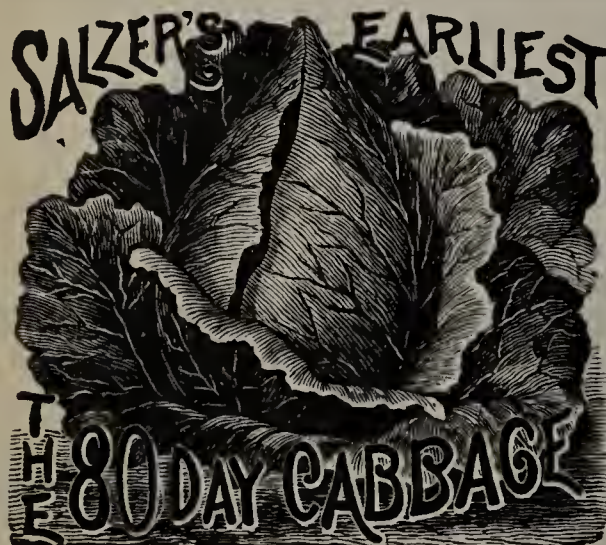


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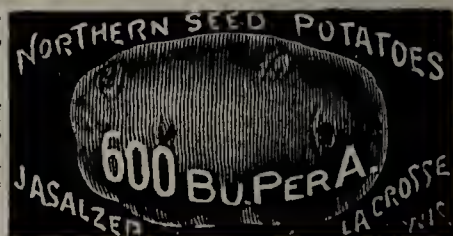
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S. S. MYERS.

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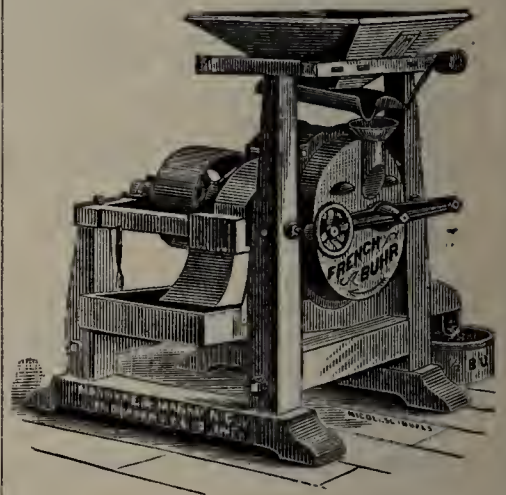
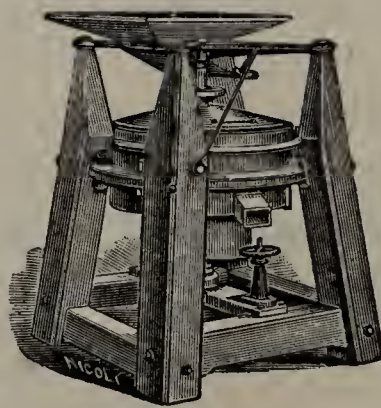
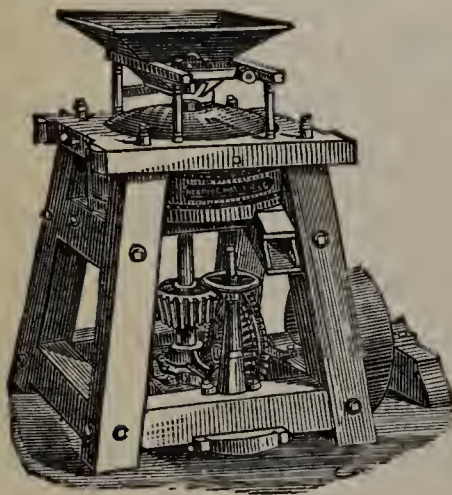


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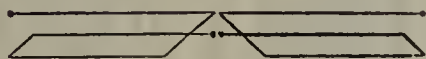
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Newton, Mrs. Anne, Pontiac, Mich.....	71
Rundle, J. F., Birmingham, Mich.....	61
Rutherford, John, Roseville, Ont., Can.....	76

LINCOLN.

Newton, Mrs. Anne, Pontiac, Mich.....	71
Rutherford, John, Roseville, Ont., Can.....	76

SWINE.—BERKSHIRE.

NAME.	POSTOFFICE.
Squier, W. A.....	Kenny, Ill.
Wells, F. F.....	do
Willson, Frank.....	Jackson, Mich.

POLAND-CHINA.

Clark, H. H. & Co.....	Onarga, Ill.
Hayzlett, W. P.....	Balekrow, Mo.
Stone, R. J.....	Stonington, Ill.
Todd, S. H.....	Wakeman, O.
Wells, F. F.....	Kenny, Ill.

CHESTER WHITE.

Price, J. R. & Son.....	Williamsville, Ill.
Todd, S. A.....	Wakeman, O.

ESSEX.

Doney, E. T.....	Jackson, Mich.
Wells, F. F.....	Kenny, Ill.
Willson, Frank.....	Jackson, Mich.

DUROC JERSEY RED.

Bennett, Thomas.....	Rossville, Ill.
Squier, W. A.....	Kenny, Ill.
YORKSHIRE.	

Chapman, A. P. & Co.....	Sugar Grove, Ill.
Henley, L. C.....	Mattoon, Ill.

SUFFOLK.

Willson, Frank.....	Jackson, Mich.
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VICTORIA.

Davis, Geo. F. & Co.....	Dyer, Ind.
Stone, R. J.....	Stonington, Ill.

CROSS-BRED SHEEP.

SOUTHDOWN—COTSWOLD.

NAME AND POST OFFICE.	NO. OF PEN.
Potts, J. H. & Son, Jacksonville, Ill.....	49
Rundle, J. F., Birmingham, Mich.....	61

SOUTHDOWN—LEICESTER.

Rutherford, John, Roseville, Ont.....	76
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SHROPSHIRE—COTSWOLD.

Rundle, J. F., Birmingham, Mich.....	60, 62
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SHROPSHIRE—OXFORD.

Allen, Geo. & Son, Archie, Ill.....	66, 67, 68, 69, 70
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SHROPSHIRE—HAMPSHIRE.

Newton, Mrs. Anne, Pontiac, Mich.....	71
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SHROPSHIRE—MERINO.

Conley, Geo., Marshall, Mich.....	78
Todd, S. H., Wakeman, O.....	72

SHROPSHIRE—LEICESTER.

Rutherford, John, Roseville, Ont.....	76
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# EXHIBITORS—Continued.

## OXFORD—SOUTHDOWN.

NAME AND POSTOFFICE.	PEN.
Stone, R. J., Stonington, Ill.	44, 45, 46

## HAMPSHIRE—SHROPSHIRE.

Newton, Mrs. Anne, Pontiac, Mich.	71
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## LEICESTER—SHROPSHIRE.

Newton, Mrs. Anne, Pontiac, Mich.	71
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## COTSWOLD—MERINO.

Newton, Mrs. Anne, Pontiac, Mich.	71
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## MERINO—COTSWOLD.

Wells, F. F., Kenny, Ill.	58
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## POULTRY.—ASIATICS.

NAME.	POSTOFFICE.
Byrday, L. A.	Maryville, Ky.
Barrow, Ed.	Donnellson, Ill.
Bryant, Wm. E.	Petersburg, Ill.
Bower, J. K.	Waukegan, Ill.
Cleary, W. H.	Buckley, Ill.
Cole, John	Elmore, Ill.
Davis, Henry & Co.	Dyer, Ind.
Flanders, P. W.	Elkhorn, Wis.
Harding Bros.	Ridgeville, Ill.
Judy, Mrs. R.	Edwardsville, Ill.
Kenan & Pool	Upper Sandusky, O.
Magoon, C. C.	Washington Heights, Ill.
Mortimer, F. A.	Pottsville, Pa.
Pickrell & Kingsley	Columbia City, Ind.
Price, C. B.	Grand Rapids, Mich.
Rhodes, C. H.	North Topeka, Kan.
Reed, James	Detroit, Mich.
Smith & Hayes	Madison, Wis.
Sheel, Fred	Belleville, Ill.
Swootfeiger, G. T.	Kankakee, Ill.
Stump, A. E.	Bloomington, Ill.
Smith, H. C.	Chicago, Ill.
Thatcher, R. K.	Chicago
Upson, E. H. & Bro.	Wilnot, Ind.
Woodward & Sewell	Evanston, Ill.
Young, Emil F.	Decatur, Ill.

## AMERICAN.

NAME.	POSTOFFICE.
Arud, Henry	Odin, Ill.
Barron, Ed.	Donnellson, Ill.
Davis, Henry & Co.	Dyer, Ill.
Hoover, F. R.	Genoa, Ill.
Kenan & Pool	Upper Sandusky, O.
Syth, M. H.	Palatine, Ill.
Leatherman, W. D.	Nappanee, Ind.
McCracken, F. M.	DeKalb, Ill.
McEwen, Thos.	McConnells Mills, Pa.
Pitkin, Geo. F.	Chicago, Ill.
Prickett & Kinsley	Columbia City, Ind.
Pratt, C. W.	Wauconda, Ill.
Shellabargeo, F. A.	Litter, Iowa.
Stoner, D. A.	Morocco, Ind.
Sheldon, J. L.	Central Village, Conn.
Turek, Henry	Elwood Place, O.
Town, L. A.	Grand Rapids, Mich.
Van Doren, W. H.	Buckingham, Ill.
Williams, S. M.	Monroeville, Ind.
Wild, O. O.	Hinsdale, Ill.
White, Jas. E.	Waukegan, Ill.
Yorgey, J. M.	Horicon, Wis.
Young, E. F.	Decatur, Ia.

## LEGHORNS.

Barron, Ed.	Donnellson, Ill.
Engraham, Fred	Waukegan, Ill.
Fitzgerald, R. E.	Marion, Ia.
Hewes, Theo.	Trenton, Mo.
Leonard, M. & Co.	Hyde Park, Ill.
Munger, F. M.	DeKalb, Ill.
Meredith, E. K.	Batavia, Ill.
Pitkin, Geo. F.	Chicago, Ill.
Reynolds, W. B.	Rockford, Ill.
Sevan, James	Chicago, Ill.
Scheppel, F. A.	Chicago, Ill.

## HAMBURG.

Johnson, J. H.	Maywood, Ill.
Robertson, Mrs. W. G.	Rockford, Ill.
Scheppel, F. A.	Chicago, Ill.
Young, E. F.	Decatur, Ill.

## DORKINGS.

NAME.	POSTOFFICE.
Leigh, Geo. & Co.	Aurora, Ill.
Mortimer, F. A.	Pottsville, Pa.
Meredith, E. K.	Batavia, Ill.
Stanford, E. & A.	Markham, Ont.

## SPANISH.

Scheppel, F. A.	Chicago, Ill.
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## FRENCH.

Cook, Andrew	Waukegan, Ill.
Hoover, Fred R.	Genoa, Ill.
Olin, Albert D.	Strutsboro, O.
Woodward & Sewell	Evanston, Ill.

## POLISH.

Bonar, W. A. & J. L.	Vienna Station, Pa.
Woodcock, H. D.	Bridgeport, O.

## GAME.

Bonar, W. A. & J. L.	Vienna Station, Pa.
Luce, Jas. D.	Urbana, O.
Pratt, C. W.	Wauconda, Ill.
Stanford, E. & A.	Markham, Ont.
Volans, Geo.	Irving Park, Ill.

## BANTAMS.

Johnson, J. H.	Maywood, Ill.
Scheppel, F. A.	Chicago, Ill.
Young, E. F.	Decatur, Ill.

## BANTAMS—OTHER THAN GAME.

Scheppel, F. A.	Chicago, Ill.
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## TURKEYS.

Bothwell, E. H.	Buckley, Ill.
Davis, Henry & Co.	Dyer, Ind.
Gast, G. F.	Prospect, O.
McCracken, D.	Paxton, Ill.
Van Doren, Wm. H.	Buckingham, Ill.
Wheaton, W. L.	Wheaton, Ill.



DUCK AND GEESE.

Davis, Henry & Co. .... Dyer, Ind.  
McCracken, D. F. .... Paxton, Ill.  
Stoner, D. A. .... Morocco, Ind.

NON-STANDARD.

Archibald, E. H. .... Leesburg, Ind.  
Anderson, L. B. .... Battle Creek, Mich.  
Clemans, F. M. .... Mechanicsburg, O.  
Gast, G. T. .... Prospect, O.  
Oldfather, O. O. .... Warsaw  
Prickett & Kingsley .... Columbia City, Ind.  
Pitkin, Geo. F. .... Chicago, Ill.  
Williams, S. M. .... Monroeville, Ind.

COLUMBARIAN.

Ingraham, Fred. .... Waukegan, Ill.  
Johnson, J. H. .... Maywood, Ill.  
Scheppel, F. A. .... Chicago, Ill.  
Smith, H. C. .... do

MISCELLANEOUS.

Munger, F. M. .... DeKalb, Ill.

DISPLAYS.

Anderson, L. B. .... Battle Creek, Mich.  
Archibald, E. H. .... Leesburg, Ind.  
Bothwell, E. H. .... Buckley, Ill.  
Barron, Ed. .... Donnellson, Ill.  
Bonar, W. A. & J. L. .... Vienna Station, Pa.  
Cleave, W. K. .... Buckley, Ill.  
Cook, Andrew. .... Waukegan, Ill.  
Clemens, F. M. .... Mechanicsburg, O.  
Flanders, P. W. .... Elkhorn, Wis.  
Fitzgerald, R. E. .... Marion, Ill.  
Gast, G. F. .... Prospect, O.  
Harding Bros. .... Ridgeville, Ill.  
Hoover, Fred R. .... Genoa, Ill.  
Judy Mrs. R. A. .... Edwardsville, Ill.  
Kenan & Pool. .... Upper Sandusky, O.  
Luce, James D. .... Urbana, O.  
Leigh, Geo. & Co. .... Aurora, Ill.  
Munger, F. M. .... De Kalb, Ill.  
Magoon, C. C. .... Washington Heights, Ill.

Mortimer, F. A. .... Pottsville, Tenn.  
Mansfield, Fred C. .... Johnson's Creek, Wis.  
Oldfather, O. O. .... Warsaw, Ill.  
Pitkin, Geo. T. .... Chicago, Ill.  
Price, C. B. .... Grand Rapids, Mich.  
Prickett & Kingsley .... Columbia City, Ind.  
Reed, James. .... Detroit, Mich.  
Robertson, Mrs. W. G. .... Rockford, Ill.  
Shellabarger, F. H. .... Litter, Ia.  
Swortfeger, Geo. F. .... Kankakee, Ill.  
Sheldon, J. L. .... Central Village, Conn.  
Town, L. A. .... Grand Rapids, Mich.  
Turck, Henry. .... Elmwood Place, O.  
Upson, E. H. & Bro. .... Wilmot, Ind.  
Van Doren, Wm. H. .... Buckingham, Ill.  
Woodward & Sewell. .... Evanston, Ill.  
Wild, Otto O. .... Hinsdale, Ill.  
Woodcock, H. D. .... Bridgeport, Conn.  
Williams, S. M. .... Monroeville, Ind.  
Young, E. T. .... Decatur, Ill.  
Yorgey, J. M. .... Horicon, Wis.

BREEDING PENS.

Barron, Ed. .... Donnellson, Ill.  
Bonar, W. A. & J. L. .... Vienna Station, Pa.  
Cleave, W. H. .... Buckley, Ill.  
Cook, Andrew. .... Waukegan, Ill.  
Davis, Henry & Co. .... Dyer, Ind.  
Flanders, P. W. .... Elkhorn, Wis.  
Fitzgerald, R. E. .... Marion, Ia.  
Harding Bros. .... Ridgeville, Ill.  
Hoover, Fred R. .... Genoa, Ill.  
Hewes, Theo. .... Trenton, Mo.  
Judy, Mrs. R. A. .... Edwardsville, Ill.  
Ingraham, Fred. .... Waukegan, Ill.  
Johnson, J. H. .... Maywood, Ill.  
Luce, Geo. & Co. .... Aurora, Ill.  
Luce, Jas. D. .... Urbana, O.  
McCracken, D. F. .... Paxton, Ill.  
Magoon, C. C. .... Washington Heights, Ill.  
Mortimer, F. A. .... Pottsville, Pa.  
Munger, F. M. .... DeKalb, Ill.  
McEwen, Thos. .... McConnell Mill, Pa.  
Oldfather, O. O. .... Warsaw, Ill.  
Price, C. B. .... Grand Rapids, Mich.  
Prickett & Kingsley. .... Columbia City, Ind.  
Pitkin, George T. .... Chicago, Ill.  
Robertson, Mrs. W. R. .... Rockford, Ill.

Reed, James. .... Detroit, Mich.  
Rhoads, C. H. .... North Topeka, Kas.  
Swortfeger, George F. .... Kankakee, Ill.  
Shellabarger, F. H. .... Litter, Ia.  
Stoner, D. A. .... Morocco, Ind.  
Sheldon, J. L. .... Central Village, Conn.  
Town, L. A. .... Grand Rapids, Mich.  
Turck, Henry. .... Elmwood Place, O.  
Upson, E. H. & Bro. .... Wilmot, Ill.  
VanDoren, Wm. H. .... Buckingham, Ill.  
Woodward & Sewell. .... Evanston, Ill.  
Wild, O. O. .... Hinsdale, Ill.  
Woodcock, H. D. .... Bridgeport, O.

"INCUBATOR," ETC.

Axford, H. W. .... Chicago, Ill.  
Guthrie, S. W. .... Homer City, Pa.  
Prairie State Inc. Co. .... Homer City, Pa.  
Saunding, Frank. .... Springfield, O.

POULTRY YARD APPLIANCES.

Axford, H. W. .... Chicago, Ill.  
Bower, J. K. .... Waukegan, Ill.  
Guthrie, S. W. .... Homer City, Pa.  
Jackson, John A. .... Winnebago, Ill.  
Harding Bros. .... Ridgeville, Ill.  
Pitkin, George T. .... Chicago, Ill.  
Prairie State Inc. Co. .... Homer City, Pa.  
Munger, F. M. .... DeKalb, Ill.  
Merritt, W. A. .... Charlotte, Mich.  
Mansfield, Fred C. .... Johnson Creek, Wis.  
Sprague, P. H. .... Chicago, Ill.  
Wild, O. O. .... Hinsdale, Ill.

EGGS.

Harding Bros. .... Ridgeville, Ill.  
Kenan & Pool. .... Upper Sandusky, O.  
Moffatt, Wm. & Bro. .... Paw Paw, Ill.  
Munger, F. M. .... DeKalb, Ill.  
Pitkin, George T. .... Chicago, Ill.  
Robertson, Mrs. W. G. .... Rockford, Ill.  
Woodward & Sewell. .... Evanston, Ill.  
Williams, S. M. .... Monroeville, Ind.

# EXHIBITORS—Continued.

## SWINE.

### BERKSHIRE.

NAME AND POSTOFFICE.	PEN.
Squier, W. A., Kenney, Ill.	17, 34
Wells, F. F., Kenney, Ill.	11
Willson, Frank, Jackson, Mich.	31, 32

### POLAND CHINA.

Clark, H. H. & Co., Onarga, Ill.	6, 8, 9, 10
Hayzlett, W. P., Bolekow, Mo.	52, 53
Stone, R. J., Stonington, Ill.	1
Wells, F. F., Kenney, Ill.	11

### CHESTER WHITE.

Price, J. R. & Son, Williamsville, Ill.	49, 50, 51
Todd, S. H., Wakeman, Ohio.	36, 43, 44

### ESSEX.

Doney, E. T., Jackson, Mich.	42, 55
Wells, F. F., Kenney, Ill.	12, 15
Willson, Frank, Jackson, Mich.	30, 40

### DUROC JERSEY RED.

Bennett, Thos., Rossville, Ill.	18, 19, 33
Squier, W. A., Kenney, Ill.	16, 34

### YORKSHIRE.

Chapman, A. P. & Co., Sugar Grove, Ill.	20
Henley, L. C., Mattoon, Ill.	23, 24, 27

### POLAND-CHINA—CHESTER WHITE.

Todd, S. H., Wakeman, O.	36
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### CHESTER WHITE—POLAND-CHINA.

Todd, S. H., Wakeman, O.	45, 46
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## GRADE SWINE.

### GRADE POLAND-CHINA.

Clark, H. H. & Co., Onarga, Ill.	6, 7
Wells, F. F., Kenney, Ill.	13, 14

### GRADE CHESTER WHITE.

## GRADE YORKSHIRE.

NAME AND POSTOFFICE.	PEN.
Henley, L. C., Mattoon, Ill.	25

### SUFFOLK.

Willson, Frank, Jackson, Mich.	38, 39, 40
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### VICTORIA.

Davis, Geo. F. & Co., Dyer, Ind.	28, 55
Stone, R. J., Stonington, Ill.	2, 3, 4, 5

### GOTHLAND.

Chapman, A. P. & Co., Sugar Grove, Ill.	21
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## CROSS-BRED SWINE.

### POLAND-CHINA—BERKSHIRE.

Stone, R. J., Stonington, Ill.	5
Wells, F. F., Kenney, Ill.	14

### POLAND-CHINA—DUROC.

Clark, H. H. & Co., Onarga, Ill.	7
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### ESSEX—POLAND-CHINA.

Wells, F. F. Kenney, Ill.	13
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### YORKSHIRE—POLAND-CHINA.

Henley, L. C., Mattoon, Ill.	25
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### YORKSHIRE—BERKSHIRE.

Henley, L. C., Mattoon, Ill.	23
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## HORSES.

### PERCHERON.

NAME AND POSTOFFICE.	STALL.
Beckett, Jas. D., Chicago, Ill.	145, 146, 147, 148
Degen Bros., Ottawa, Ill.	86, 123, 124, "B"
Dillon Bros., Normal, Ill.	87, 89, 94, 95, 96, 180
Dunham, M. W., Wayne, Ill.	159, 160, 161, 162, 163, 164
Johnson, Leonard, Northfield, Minn.	149, 150, 151, 153, 154
Mallory, M. S., Belvidere, Ill.	"H"

### FRENCH DRAFT.

Dillon Bros., Normal, Ill.	88, 90, 91, 92,
Degen Bros., Ottawa, Ill.	1
	110, 120, 1

NAME AND POSTOFFICE.	STALL.
Rogers, B. L., Lyons, Ia.	131
Shaubach & Eaton, Tonica.	132
Sass & Miller, Ancona,	133, 134, 135, 136, 137, 138
Virgin & Co., Fairbury, Ill.	100, 101, 102, 103, 104, 105, 106, 107, 108

### BELGIAN.

Degen Bros., Ottawa, Ill.	126, 127, 128, 129
Rogers, B. L., Lyons, Ia.	130
Wabash Imp. Co., Wabash, Ind.	109, 110, 111, 112, 113, 114, 115, 116, 117, 118

## CLYDESDALE.

Blair Bros., & Curry, Aurora, Ill.	9, 10, 14, 15
Banks & Hilt, Laporte, Ind.	24, 25, 26, 27
Blodget, A. Z., Waukegan, Ill.	... D. & E.
Cater Bros., Libertyville.	237
Door Prairie L. S. Ass'n, Door Village, Ind.	45
Galbraith Bros., Janesville, Wis.	32, 36, 37, 40
Hunter, Alex., Caledonia, Ill.	...
Holloway, Robt., Alexis,	41, 42, 43, 44, 45, 46, 47, 48, 49, 50
Huston, John C., Blandinsville, Ill.	57, 58, 59, 60
Henry, O. H., Indianola, Ia.	184
Ogilvie, R. B., Madison, Wis.	19, 20, 21, 22
Niles, Wm., Laporte, Ind.	...
Moffatt, Wm. & Bro., Paw Paw, Ill.	243, 244, 246
Raeside Bros., Waukegan.	71, 72, 73, 75
Stericker Bros., Springfield, Ill.	176

## ENGLISH SHIRE.

Blair Bros. & Curry, Aurora, Ill.	8, 11, 12, 13, 16, 17
Burgess Bros., Wenona, Ill.	61, 62, 63, 64, 67, 69, 70
Beckett, Jas. D., Chicago, Ill.	139, 140
Brown, Geo. E. & Co., Aurora, Ill.	193, 194, 195, 196, 197, 198
Cater Bros., Libertyville, Ill.	237, 238
Galbraith Bros., Janesville, Wis.	30½, 31, 32, 35
Stericker Bros., Springfield, Ill.	177, 178

## GRADE DRAFT.

Baldwin, W. W., Jr., Chicago, Ills.	...
Morey, T. P., Lowell, Ind.	81
Ogilvie, R. B., Madison, Wis.	23
Peabody, Brewster, Allegan, Mich.	...
Wilson, R. G., Hebron, Ind.	80



## ROADSTERS.

Bergman, John, Chicago, Ills.....	
Blass, J. H., Chicago, Ills.....	
Caton Stock Farm, Joliet, Ills.....	
Cooper, John S., Chicago, Ills.....	
Covert, Geo. H., Chicago, Ills.....	223
Crockett, W. D., Waukegan, Ills.....	250
Cronholm, N. L., Chicago, Ills.....	
Goss, S. F., Chicago, Ills.....	
Heckinger Bros., Chicago, Ills.....	
Hill, Ira A., Chicago, Ills.....	209, 210
Kelley, John, Chicago, Ills.....	
Kennett, F. J., Chicago, Ills.....	
King, Rufus, Chicago, Ills.....	224
Mallory, M. S., Jr., Belvidere, Ills.....	F. & G.
Moon, W. D., Chicago, Ills.....	
Macfarland, H. J., Chicago, Ills.....	228
Newman, John, Elgin, Ills.....	
Olin, D. H., Chicago, Ills.....	
Perrin, G. E., Chicago, Ills.....	
Romaine, J. H., Chicago, Ill.....	
Ryan, John F., Chicago, Ill.....	
Shillington, Isaac, Chicago, Ill.....	209
Sunderland, I. T., Chicago, Ill.....	242
Swanbrough, J. W., Waukegan, Ill.....	247, 248
Wadsworth, Jas., Chicago, Ill.....	199
Winslow, Peleg, Kankakee, Ill.....	

CLEVELAND BAY.

Beckett, Jas. D., Chicago, Ill.....	141, 142
Brown, Geo. E. & Co., Aurora, Ill.....	189, 190, 191, 192
Cater Bros., Libertyville, Ill.....	240, 241
Door Prairie Live Stock Assn., Door Village, Ind.....	1, 2
Galbraith Bros., Janesville, Wis.....	18
Ogilvie, R. B., Madison, Wis.....	169, 170, 171, 174, 175
Stericker Bros., Springfield, Ill.....	182
Yeomans, Henry, Indianola, Ia.....	182

## SADDLE HORSES.

Baker, W. T., Bolivia, Ill.,.....	212
Billings, C. K. G., Chicago, Ill.....	
Brooks, J. W. Jr., Chicago, Ill.,.....	
Close, J. B., Chicago, Ill.,.....	
Cudahy, M., Chicago, Ill.....	
Davis, Geo. F. & Co., Dyer, Ind.....	
Dunne, Mrs. M. W., Chicago, Ill.....	253

Harvey, T. W., Chicago, Ill.....	256
Mathison, S., Chicago, Ill.....	226
Rockwood, Florence, Chicago, Ill.....	
Rockwood, F. B., Chicago, Ill.....	
Rowe, D. N., Chicago, Ill.....	254
Russ, O. A., Chicago, Ill.....	252
Smith, Davis & Co., Fulton, Mo.....	
Waixel, D., Chicago.....	

## CARRIAGE HORSES.

Allerton, Saml. W., Chicago, Ill.....213, 214, 215, 216, 217  
Baker, W. T., Bolivia, Ill.....213, 214, 215, 216, 217  
Cater Bros., Libertyville, Ill.....242  
Degen Bros., Ottawa, Ill.....A, 85  
Gray, James, Freeport, Ill.  
230, 231, 232, 233, 234, 235, 236  
Martindale, H. H., Chicago, Ill.....  
Smith, Geo. P., Chicago, Ill.....  
Wilson, W. J., Chicago, Ill.....  
Yeomans, Henry, Indianola, Ia .....183

FRENCH COACH.

Beckett, Jas. D., Chicago, Ill.....	143, 144
Dunham, M. W., Wayne, Ill.....	
Johnson, Leonard, Northfield, Minn.	
185, 186, 187, 188	
Virgin & Co., Fairbury, Ill.....	99

## PONIES.

Bergen Bros., Manhattan, Ill.....	259
Burgess Bros., Wenona, Ill.....	259
Coy, Harry, Chicago, Ill.....	256
Degen Bros., Ottawa, Ill.....	256
Galbraith Bros., Janesville, Wis.....	301½
Gleason, H. J., Chicago, Ill.....	257
Keenan, Robbie, do.....	268
Murphy, John C., South Evanston.....	76, 77
Raeside Bros., Waukegan, Ill.....	76, 77
Reynolds, Fred. Lee, Chicago, Ill.....	267
Robinson, J. K. Jr., do.....	267
Scranton, G. F., Forest, Ill.....	157, 158
Thompson, S. D., Wayne.....	157, 158

## PARK HORSE.

Smith, Geo, R., Shelbyville, Ky.....

## CART HORSE.

**McFarland, H. J., Chicago, Ill.**.....

## BROUGHAM TEAM.

Baxter, A. J., Chicago, Ills.....  
Lester, John T., Chicago, Ill.....

## TANDEM TEAM!

Frazier, James, Chicago, Ills.....  
Harvey, J. R., Chicago, Ills.....

# JACKS AND JENNETS.

Babb, Albert, Taylorville..... ..

FOUR-IN-HAND:

Allerton, Samuel W., Chicago, Ill.....  
 Baker, W. T., Bolivia, Ill.....  
 Macfarland, H. J., Chicago, Ill.....  
 Palmer, Potter, Chicago, Ill.....  
 Taylor, Hubert C., Chicago, Ill.....  
 Schwartz, Charles, Chicago, Ill.....

COUPE HORSE.

Burdette, E. A., Chicago, Ill.....

COB.S.

Carson, J. D., Chicago, Ill.....  
 Fay, C. N., Chicago, Ill.....  
 Frazier, Jas., Chicago, Ill.....  
 Martindale, H. H., Chicago, Ill.....  
 Nelson, O. C., Chicago, Ill.....





# PROGRAMME.

## HORSE AND CATTLE EXHIBITS, AMERICAN FAT STOCK SHOW, AMERICAN HORSE SHOW.

**Tuesday, November 8, 1887.**

CATTLE.

Lot 1—Short Horns.

**Wednesday, November 9, 1887.**

CATTLE.

Lot 2—Herefords.

HORSES.

Lot 20—Cleveland Bays.

Lot 30—Belgians.

**Thursday, November 10, 1887.**

CATTLE.

Lot 3—Devons.

Lot 4—Aberdeen-Angus.

Lot 5—Holstein-Friesians.

Lot 6—Other Beef Breeds.

HORSES.

Lot 22—Carriage or Coach.

Lot 29—Percheron.

**Friday, November 11, 1887.**

CATTLE.

Lot 7—Grades or Crosses.

Lot 8—Range Cattle.

HORSES.

Lot 19—Roadsters.

Lot 21—Saddle Horses.

Lot 23—French Draft.

**Saturday, November 12, 1887.**

CATTLE.

Lot 9—All Breeds and Grades by ages.

Lot 10—Sweepstakes.

HORSES.

Lot 24—Equestrianism.

Lot 26—Ponies.

Lot 32—English Shire.

**Monday, November 14, 1887.**

CATTLE.

Lot 11—Grand Sweepstakes.

Lot 12—Herds.

Lot 13—Sweepstakes—Herd.

**Tuesday, November 15, 1887.**

CATTLE.

Lot 14—Dressed Carcass.

HORSES.

Lot 23—Park Horses.

Lot 31—Clydesdales.

**Wednesday, November 16, 1887**

CATTLE.

Judging Carcasses.

HORSES.

Lot 25—Driving to Cart.

Lot 33—Grade Draft.

**Thursday, November 17, 1887.**

CATTLE.

Examination of Carcasses.

HORSES.

Grand Cavalcade of Premium Animals.

# PROGRAMME.

## LIGHT HORSE DEPARTMENT.

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The Show Ring will be occupied with the displays of Light Horses (Lots 19 to 27) from 3 o'clock P. M. each day until 10 o'clock P. M. during the continuance of the Show.

There will be a preliminary Exhibit of Four-in-hand Turnouts on Saturday, Nov. 12, 1887, at 3 o'clock P. M., and the Preparatory Exhibit of the Tandem Team at 8 o'clock P. M., Saturday, Nov. 12.

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**Wednesday, Nov. 9, 3 o'clock P. M.**

*Lot 20 — Cleveland Bay.*

**Wednesday, Nov. 9, 7.30 o'clock P.M.**

*Lot 19 — Roadster Stallions 4 years old or over. Thirteen entries.*

*Lot 19. — Roadster Stallions, 3 years old and under 4. Four entries.*

The carriage that the United States presented to General LaFayette, of France, on the occasion of his last visit to this country. This carriage will be exhibited as a four-in-hand turnout by the owners, Messrs. Studebaker, of Chicago.

**Thursday, Nov. 10, 3 o'clock P. M.**

*Lot 22 — Carriage or Coach Stallions, 4 year old or over.*

*Lot 19 — Roadster. Rings 72 to 77 inclusive.*

**Thursday, Nov. 10, 8 o'clock P. M.**

*Lot 22 — Carriage or Coach. Rings 87 and 88.*

*Lot 27 — Miscellaneous. Cart Horse to Cart.*

**Friday, Nov. 11, 3 o'clock P. M.**

*Lot 22 — Carriage or Coach. Rings 89 and 90.*

*Lot 23 — Park Horse.*

**Friday, Nov. 11, 8 o'clock P. M.**

*Lot 27 — Miscellaneous. Pair Cobs to Mail Phaeton.*

*Lot 25 — Driving to Cart. Rings 97 and 98.*

**Saturday, Nov. 12, 3 o'clock P. M.**

Preparatory Exhibit Four-in-hand Turnouts.

**Saturday, Nov. 12, 8 o'clock P. M.**

*Lot 24 — Equestrianism. Rings 93, 95, and 96, inclusive.*

*Lot 27 — Miscellaneous Preparatory Exhibit Tandem Team.*

**Monday, Nov. 14, 3 o'clock P. M.**

*Lot 21 — Saddle Horses.*

**Monday, Nov. 14, 8 o'clock P. M.**

*Lot 27 — Pair of Carriage Horses to Carriage.*

*Lot 25 — Boy Rider under 14 and Girl Rider under 14.*

**Tuesday, Nov. 15, 3 o'clock P. M.**

*Lot 26 — Ponies.*

**Tuesday, Nov. 15, 8 o'clock P. M.**

*Lot 27 — Brougham Team to Brougham.*

**Wednesday, Nov. 16, 3 o'clock P. M.**

*Lot 27 — Four-in-hand to Coach or Drag. Awards.*

**Wednesday, Nov. 16, 8 o'clock P. M.**

*Lot 27 — Best Coupe Horse to Coupe or Brougham.*

*Lot 27 — Best Tandem Team of Driving Horses. Awards.*



# Tenth Annual American Fat Stock Show.

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This exhibition has for its object the encouragement of the most economical production of the best quality of meat.

The large premiums offered and the emulation among breeders and feeders attract in large numbers, each succeeding year, to the American Fat Stock Show the choicest specimens of meat-producing animals to be found on either continent.

The live stock entered for competition at this Show most creditably represents the best breeders of England, Scotland, Canada and the United States.

The admirable arrangements provided for the exhibition of stock cannot fail to meet the approval of all who may attend. The large attendance from year to year of the ladies and the best classes of people, especially those that consume the highest priced meats, indicates that some of the many advantages of the Show are becoming more fully understood and appreciated by consumers of the best quality of meats. The unsurpassed facilities afforded the public for examining the live animals and determining the quality of meat of the same when slaughtered, are more fully appreciated at each succeeding Show by the thousands of intelligent consumers that attend the Show for the purpose of information in these important matters.

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## THIRD ANNUAL AMERICAN DAIRY SHOW.

The extent of the display of dairy products and appliances, as well as the uniform excellence of the butter and cheese exhibited, attests the enterprise and skill of the dairymen residing in the wide extent of territory represented annually at this Show. All interested will have an excellent opportunity for the examination of the most approved appliances and obtaining information concerning the methods adopted by the practical and successful dairymen of the country.

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## SECOND ANNUAL AMERICAN HORSE SHOW.

The south half of the Exposition Building has been admirably arranged for the exhibition of horses, and all the space has been secured by the leading horsemen of the country. There will be a large and attractive exhibit of the various breeds of riding, driving and draft horses, which will be shown to the best advantage in the large ring provided for that purpose in the Exposition Building.

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## AMERICAN POULTRY SHOW.

If large and attractive collections of Poultry, Pet Stock, etc., such as have been displayed the past two seasons at the Fat Stock Shows, can be "brought out" without premiums, it is believed that the handsome premiums offered for exhibition made at the American Poultry Show of 1887 will ensure a much more extensive and creditable exhibition.

These exhibitions will be open to the public day and evening (except Sunday) from 9 o'clock A. M., Tuesday, November 8th, 1887, until 10 o'clock P. M., Friday, November 18th, 1887.

CHARLES F. MILLS, *Secretary*,  
SPRINGFIELD, ILLINOIS

# CLASS A—CATTLE.

LA FAYETTE FUNK, Superintendent.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in days, November 8, 1887.	Weight November 8, 1887.	Avg. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.	Color.
1	Sherman, J. B., Chicago.	Apr. 25, 1884	1293	1625	1.26	Scottish Prince.....	1/2 Hereford, 1/2 West Highlander.....	Red.
2	do do	Dec. 1, 1884	1073	1950	1.82	I. X. L.....	3/4 Shorthorn, 1/4 Native.....	Red.
3	do do	Dec. 3, 1884	1071	1885	1.76	Breastplate.....	Shorthorn.....	Roan.
4	do do	Feb. 12, 1884	1366	2185	1.60	Blanchard.....	do .....	Roan.
5	do do	May 20, 1883	1999	2495	1.25	Gem .....	3/4 Shorthorn, 1/4 Native.....	Red.
7	do do	Mch. 25, 1882	2055	2500	1.22	Albright.....	1/2 Hereford, 1/2 Shorthorn...	R. & W. F
9	do do	Feb. 1, 1885	2472	2765	1.12	White Cloud.....	Shorthorn.....	White.
10	do do	Nov. 25, 1883	1445	1925	1.33	Tabor .....	7/8 Hereford, 1/8 Native.....	R. & W. F.
11	do do	Dec. 29, 1884	1045	1815	1.74	Bob .....	1/2 Hereford, 1/4 Shorthorn, 1/4 Native...	R. & W. F.
12	do do	Apr. 29, 1885	924	1780	1.92	T. P.....	3/4 do 1/4 do .....	R. & W. F.
13	do do	Nov. 25, 1885	714	1470	2.06	Eclipse.....	1/2 do 1/2 Native.....	R. & W. F.
14	do do	Nov. 23, 1885	716	1515	2.11	Export .....	3/4 do 1/8 Shorthorn, 1/8 Native...	R. & W. F.
15	do do	Nov. 23, 1886	351	935	2.66	Grandee.....	3/4 do 1/8 do 1/8 do .....	R. & W. F.
16	do do	June 10, 1885	882	1580	1.79	Great Britain.....	1/16 Shorthorn, 1/16 Native.....	R. & W. F.
19	Elliott, Geo., Harristown, Ill.	Nov. 22, 1886	352	825	2.34	Girdle.....	Shorthorn.....	Roan.
20	do do	Feb. 23, 1886	624	1255	2.01	Henry.....	1/16 Shorthorn, 1/16 Native.....	Roan.
21	Peak, J. R. & Son, Winchester, Ill.	Jan. 2, 1886	676	1450	2.14	Morse.....	Shorthorn.....	Red.
22	do do	June 17, 1885	875	1730	1.98	Frank.....	7/8 do 1/8 Native.....	Red.
24	do do	June 5, 1884	1252	1975	1.58	Grover .....	7/8 do 1/8 do .....	Red.
25	do do	May 20, 1885	903	1580	1.75	Frisk.....	1/16 do 1/16 do .....	Red.
26	do do	Dec. 29, 1885	680	1470	2.16	Bird.....	7/8 Shorthorn, 1/8 Native.....	Red.
27	do do	Nov. 23, 1886	351	950	2.71	Pioneer .....	1/16 Shorthorn, 1/16 Native.....	Red.
28	do do	Feb. 4, 1885	1008	1485	1.47	Choice, 3878.....	Devon .....	Red.
29	Younger, Wm., Fairbury, Ill.	Dec. 15, 1884	1059	1530	1.44	Red Oak.....	1/2 Devon, 1/2 Native .....	Red.
30	do do							



31	Younger, Wm., Fairbury, Ill.	Jan. 23, 1885	1020	1495	1.46	Beefy, 3876.	Devon	Red.
32	do do	May 2, 1886	556	1100	1.98	Mills, 3908.	do	Red.
33	do do	Nov. 28, 1885	711	1170	1.63	George.	$\frac{1}{2}$ Sussex, $\frac{1}{6}$ Devon, $\frac{7}{64}$ Jersey, $\frac{1}{64}$ Native	Red.
34	Morse, J. W. & Son, Verona, Wis.	Feb. 3, 1884	1375	1665	1.21	Morse, 3905.	Devon	Red.
35	do do	Jan. 27, 1885	1016	1325	1.30	Juicy, 3877.	do	Red.
36	do do	Apr. 28, 1886	560	1105	2.00	New Era, 3907.	do	Red.
37	do do	May 6, 1887	187	540	2.90	Chicago Boy, 4309	do	Red.
40	Smith, F. W., Columbia, Mo.	Nov. 25, 1886	349	910	2.61	McClenn.	Hereford.	R. & W. F.
41	Norris, I. H. & Son, La Moille, Ills.	July 15, 1884	1213	1845	1.52	Mike.	$\frac{1}{2}$ Galloway, $\frac{1}{2}$ Native.	Black.
42	do do	July 15, 1884	1213	1870	1.54	John.	do	Black.
43	do do	July 15, 1884	1213	1825	1.50	Joe.	do	Black.
44	do do	July 15, 1884	1213	1820	1.50	Tom.	do	Black.
45	do do	Sep. 15, 1884	1151	1715	1.49	Pete.	do	Black.
46	Potts, J. H. & Son, Jacksonville, Ill.	Feb. 27, 1885	957	1620	1.69	Rochester.	Shorthorn.	White.
47	do do	May 12, 1885	911	1540	1.69	Red Prince.	do	Red.
48	do do	Mar. 30, 1886	589	1015	1.72	Richmond.	do	R. & W.
49	do do	Mar. 5, 1886	614	1375	2.24	Red Duke.	$\frac{7}{8}$ Shorthorn, $\frac{1}{8}$ Native.	Red.
50	do do	Oct. 28, 1886	377	965	2.56	Roan Gauntlet.	Shorthorn.	Roan.
52	Renick, W. H., Clintonville, Ky.	Feb. 1, 1885	1011	1520	1.50	Jacoby.	$\frac{3}{8}$ Shorthorn, $\frac{1}{8}$ Native.	Red.
53	do do	Mar. 15, 1885	969	1790	1.84	Goff.	do	Roan.
54	do do	Aug. 12, 1884	1184	2000	1.69	Wild Bill.	do	R. & W.
55	Pickett, J. W., Plattsburg, Mo.	June 1, 1884	1256	1930	1.53	Good Luck.	Shorthorn.	Roan.
56	do do	Feb. 20, 1886	627	1615	2.57	Baby Mine.	do	Roan.
57	Renick, W. H., Clintonville, Ky.	Nov. 22, 1885	717	1450	2.02	Col. Moberly.	do	R. & W.
58	do do	Jan. 25, 1886	653	1315	2.01	Baby Buntin.	do	Red.
59	do do	Mar. 1, 1886	618	1315	2.13	Jones.	Shorthorn, $\frac{1}{6}$ Native.	Red.
60	do do	Nov. 27, 1885	712	1415	2.00	Bright Light.	do	Red.
61	Clarke, N. P., St. Cloud, Minn.	Nov. 16, 1886	358	1030	2.88	Lad of Meadow Lawn.	Shorthorn.	R. & W.
62	do do	Mar. 23, 1886	596	1310	2.20	Commander Farragut.	do	White.
65	Hill, James J., St. Paul, Minn.	Sep. 10, 1884	1155	1715	1.48	Prentice.	do	White.
66	do do	Jan. 25, 1886	653	1385	2.12	Goldfinder.	do	Roan.
67	do do	Feb. 28, 1885	989	1890	1.91	Curry.	$\frac{1}{2}$ Angus, $\frac{1}{2}$ Shorthorn.	Black.
68	do do	Dec. 17, 1885	692	1440	2.08	Monroe.	Angus.	Black.
69	do do	Jan. 25, 1886	653	1285	1.97	Nomad.	do	Black.
70	Estill Bros., Estill, Mo.	Feb. 17, 1885	995	1705	1.71	Felix.	$\frac{1}{2}$ Angus, $\frac{3}{8}$ Shorthorn, $\frac{1}{8}$ Native.	Black.
71	do do	July 3, 1886	494	1250	2.53	Dot.	Aberdeen-Angus.	B. & W.
72	do do	July 3, 1886	494	945	1.91	Dorothy.	do	Black.
73	do do	Dec. 3, 1886	341	910	2.67	Jack Frost.	$\frac{1}{2}$ Angus, $\frac{3}{8}$ Shorthorn, $\frac{1}{8}$ Native.	Black.
74	Elliot, H. W., Estill, Mo.	Dec. 22, 1886	322	760	2.36	Jester.	$\frac{3}{4}$ Angus, $\frac{1}{4}$ Shorthorn.	Black.
75	do do	Feb. 12, 1885	1010	1645	1.63	Peter of Grapewood.	$\frac{1}{2}$ Angus, $\frac{3}{8}$ Shorthorn, $\frac{1}{8}$ Native.	Gray.

# CLASS A--CATTLE--CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in days, November 8, 1887.	Weight November 8, 1887.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.	Color.
76	Elliott, H. W., Estill, Mo.	Apr. 10, 1885	943	1570	1.66	Jerome	1/2 Angus, 3/8 Shorthorn, 1/8 Native.	Black.
77	do do	May 7, 1885	977	1775	1.82	Lance	1/2 Angus, 1/2 Shorthorn	Black.
78	Smith, J. S. Bates, Ill.	Apr. 12, 1886	576	1300	2.26	Johnson	1/2 Angus, 7/16 Shorthorn, 1/16 Native.	Gray.
79	do do	Aug. 28, 1886	438	1160	2.65	Berlin	1/2 Angus, 1/2 Shorthorn	Gray.
80	Anderson & Findlay, Lake Forest, Ill.	Nov. 11, 1884	1093	1610	1.47	Wilfried	Aberdeen-Angus	Black.
81	Harvey, T. W., Turlington, Neb.	Aug. 18, 1884	1178	1760	1.49	Leopard	1/2 Angus, 1/2 Native	Black.
83	do do	Feb. 10, 1885	1002	1800	1.80	Pontiff	Angus	Black.
84	do do	Dec. 17, 1886	327	890	2.72	Alexandra Knight	do	Black.
85	do do	May 3, 1886	555	1330	2.40	Pistole	1/2 Angus, 1/2 Native	Black.
86	do do	Dec. 22, 1885	687	1500	2.18	Tam O'Shanter	Angus	Black.
87	do do	Nov. 29, 1884	1075	1995	1.86	Black Prince of Turlington	do	Black.
88	do do	Mar. 27, 1884	1322	2225	1.68	Sandy	do	Black.
90	Doney, E. T., Jackson, Mich.	May 1, 1884	1287	1360	1.06	Curley	Devon	Red.
91	do do	Dec. 3, 1885	706	1400	1.98	Ben	Shorthorn	R. & W.
92	Blish, C. C. & Son, Kewanee, Ill.	Nov. 21, 1886	353	1035	2.93	Mark	do	Roan.
93	do do	Dec. 25, 1885	684	1470	2.15	Harry	do	Roan.
95	Pickett, J. W., Plattsburg, Mo.	Mar. 2, 1885	982	1620	1.65	Clarendon	do	Roan.
96	do do	Nov. 28, 1886	346	785	2.27	Clarendon 2d	do	Red.
96 1/2	Barclay, C. S., West Liberty, Ia.	Dec. 16, 1883	1423	2070	1.45	Brampton	do	Lt. Roan.
97	Varnum, H. B., Marshalltown, Ia.	May 25, 1879	3090	2850	0.92	Duke of Iowa	Shorthorn, 1/4 Native	Red.
98	Browns, S. S., Sons, Galena, Ill.	Oct. 16, 1886	389	1170	3.00	Dr. Tanner	Shorthorn, 1/16 Native	Red.
99	Eldridge, B. S., Galva, Ia.	May 5, 1885	918	1885	2.05	Dock	Shorthorn, 1/8 Native	White.
100	do do	May 1, 1885	922	1935	2.10	Dick	do 1/8 do	White.
102	Moninger, D. M., Galvin, Ia.	Feb. 27, 1886	620	1510	2.43	Bob Burdett	do 1/8 do	Red.
103	do do	Jan. 23, 1885	1020	1855	1.92	Glick	do 1/8 do	Red.
104	do do	Jan. 3, 1884	1406	2370	1.69	Stevens	do 1/8 do	Red.
105	Leigh, Geo. & Co., Aurora, Ill.	Jan. 25, 1885	1018	1960	1.83	Dave	do 1/8 do	R. & W. F.



106	Leigh, Geo. & Co., Aurora, Ill.	Nov. 1, 1885	738	1430	1.93	Ruby.	$\frac{3}{4}$	Hereford $\frac{1}{4}$ Native.	R. & W. F.
107	do do	Mar. 16, 1886	603	1475	2.45	Pearl.	$\frac{1}{2}$	do $\frac{1}{2}$ do	Lt. Roan.
108	Bertram, J. C., Bristol, Ill.	Apr. 27, 1885	926	1790	1.93	Victor.	$\frac{1}{2}$	Hereford, $\frac{3}{8}$ Shorthorn, $\frac{1}{8}$ Native.	R. & W. F.
110	Wilson Bros., Sugar Grove, Ill.	Feb. 1, 1886	646	1365	2.11	Sidney.	$\frac{1}{2}$	do $\frac{3}{8}$ do $\frac{1}{8}$ do	R. & W. F.
112	Henry, G. W., Ashkum, Ill.	Dec. 3, 1885	706	1355	1.92	Bourbon Prince.	$\frac{1}{2}$	do $\frac{3}{8}$ do $\frac{1}{8}$ do	R. & W. F.
113	do do	Dec. 30, 1885	679	1355	2.00	Royal's Royalty.	Hereford.	Hereford.	R. & W. F.
114	do do	Dec. 23, 1885	686	1605	2.34	Rossland's Improvement.	$\frac{1}{2}$	Hereford, $\frac{3}{8}$ Shorthorn, $\frac{1}{8}$ Native.	R. & W. F.
115	Clark, Thos., Reeher, Ill.	Sep. 27, 1884	1138	1620	1.42	Edward.	$\frac{3}{4}$	Hereford, $\frac{1}{4}$ Native.	R. & W. F.
116	White, Wm., Marion, Ind.	.....	.....	3185	.....	Jumbo	$\frac{1}{2}$	Shorthorn, $\frac{1}{2}$ Native.	Roan.
117	Clough, H. H., Elyria, O.	Feb. 25, 1885	987	1730	1.75	Dick Babbitt.	$\frac{7}{8}$	Hereford, $\frac{1}{8}$ Native.	R. & W. F.
118	Hudson, John, Moweaqua, Ill.	June 15, 1885	877	1515	1.73	Andy	$\frac{1}{2}$	do $\frac{3}{8}$ Devon, $\frac{1}{8}$ Native.	R. & W. F.
119	Ponting, Tom C., Moavequa, Ill.	Dec. 15, 1886	329	865	2.63	Sam'l. Weaver	Hereford.	Hereford.	R. & W. F.
121	Fowler & Van Natta, Fowler, Ind.	Dec. 13, 1886	331	845	2.55	Punch	do	do	R. & W. F.
122	do do	Dec. 9, 1886	335	885	2.64	Samson	$\frac{1}{2}$	Hereford, $\frac{1}{4}$ Shorthorn, $\frac{1}{4}$ Native.	R. & W. F.
123	do do	Apr. 2, 1885	951	1555	1.63	Donald.	Hereford	Hereford	R. & W. F.
124	do do	Dec. 5, 1885	704	1480	2.10	Sam Jones.	$\frac{1}{2}$	Hereford, $\frac{1}{4}$ Shorthorn, $\frac{1}{4}$ Native.	R. & W. F.
125	do do	Feb. 11, 1885	1001	1740	1.74	Anxiety	$\frac{1}{2}$	do $\frac{1}{4}$ do $\frac{1}{4}$ do	R. & W. F.
126	do do	July 15, 1884	1212	2200	1.81	Ned Price.	$\frac{1}{2}$	do $\frac{3}{8}$ do $\frac{1}{8}$ do	R. & W. F.
127	Michigan Agricultural College.	Oct. 27, 1885	743	.....	.....	Hendricks.	Hereford	Hereford	R. & W. F.
127	do do	Nov. 25, 1885	714	.....	.....	Homer	Shorthorn	Shorthorn	Roan.
128	do do	Dec. 17, 1885	692	.....	.....	Holt	do	do	Red.
130	Green, Frank W., Olivet, Mich.	Dec. 3, 1885	706	1400	1.98	Luce	do	do	R. & W.
132	Moninger, D. M., Galvin, Ia.	Feb. 13, 1884	1365	2040	1.49	Larrabee.	$\frac{3}{4}$	Shorthorn, $\frac{1}{2}$ Native	Roan.
133	do do	Nov. 23, 1883	1447	2360	1.63	Livingston	$\frac{3}{4}$	do $\frac{1}{2}$ do	Roan.
134	do do	Jan. 1, 1887	312	875	2.80	Bob, Jr.	$\frac{3}{4}$	do $\frac{1}{2}$ do	Red.
136	Michigan Agricultural College.	Apr. 27, 1885	804	.....	.....	Roscoe	Jersey.	Jersey.	Fawn.
137	do do	Feb. 26, 1886	621	.....	.....	Potter.	do	do	Fawn.
138	do do	Mar. 23, 1886	596	.....	.....	Latitude.	Devon	Devon	Red.
139	do do	Feb. 26, 1886	621	.....	.....	Nicholas.	Holstein-Friesian	Holstein-Friesian	B. & W.
140	do do	Nov. 17, 1885	722	.....	.....	Beltz	do	do	B. & W.
141	do do	Jan. 1, 1886	677	.....	.....	Judge.	Galloway	Galloway	Black.
142	do do	Feb. 17, 1886	632	.....	.....	King Jumbo	do	do	Black.
143	Smith, J. S. & Co., Alzada, Mont.	Dec. 1883	.....	1470	.....	Sturgis.	Range	Range	R. & W.
144	do do	.....	.....	1220	.....	Montana	do	do	R. & W.
145	do do	.....	.....	980	.....	Custer.	do	do	R. & W.
146	do do	.....	.....	.....	.....	Miles.	do	do	R. & W.
147	do do	.....	.....	555	.....	Keogh.	do	do	White.
149	Davis, Geo. F. & Co., Dyer, Ind.	May 29, 1886	529	1390	2.63	Butterfly	$\frac{1}{2}$	Shorthorn, $\frac{1}{2}$ Native.	R. & W.
150	do do	May 6, 1887	187	575	3.08	Roger	$\frac{1}{2}$	Jersey, $\frac{1}{2}$ Native.	Lt. Roan.
151	do do	Dec. 1, 1884	1073	1250	1.16	Captain	$\frac{7}{8}$	do $\frac{1}{8}$ do	Fawn.

No. of Stalls.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in days, November 8, 1887.	Weight November 8, 1887.	Av. gain per day in lbs. since birth.	NAME of ANIMAL.	BREED.	Color.
153	White, W. S., Sabetha, Kas.	Nov. 29, 1884	1075	1740	1.62	Waterlad	Shorthorn	Roan.
154	do do	May 30, 1885	893	1620	1.81	Roan Commander.	$\frac{3}{4}$ do $\frac{1}{4}$ Native	Roan.
155	do do	Apr. 22, 1885	931	1570	1.69	Seraphina of Oakland	$\frac{3}{4}$ do $\frac{1}{4}$ do	Red.
156	Stanford, E. & A., Steyning, Eng.	Jan. 17, 1884	1392	1970	1.41	Speculation	Sussex	Red.
157	Lea, Overton, Nashville, Tenn.	Jan. 21, 1884	1388	1765	1.27	Robertson	do	Red.
158	do do	Dec. 2, 1885	707	1270	1.80	Rover	do	Red.
159	do do	Nov. 19, 1886	355	710	2.00	Letham	do	Red.
160	do do	Sep. 20, 1886	415	1010	2.43	Willis	$\frac{1}{2}$ Sussex, $\frac{7}{16}$ Shorthorn, $\frac{1}{16}$ Native	Red.
161	do do	Nov. 1, 1886	373	995	2.66	Stephen	$\frac{1}{2}$ do $\frac{7}{16}$ do $\frac{1}{16}$ do	Red.
163	Mann, Abraham, Rossville, Ill.	Mar. 15, 1885	969	1635	1.69	Empire	Shorthorn, $\frac{1}{16}$ Native	Red.
164	do do	Mar. 15, 1885	969	1695	1.75	Monarch	do	R. & W.
165	do do	June 15, 1885	877	1610	1.82	Colonel	do	Red.
166	do do	June 15, 1885	877	1565	1.78	King	do	Red.
168	Wilkinson & Dutton, Aurora, Ills.	Jan. 10, 1886	668	1350	2.02	Fanny Field	Hereford, $\frac{1}{4}$ Shorthorn, $\frac{1}{4}$ Native	
169	do do	Feb. 1, 1886	646	1330	2.06	Alphonso	do $\frac{1}{4}$ do $\frac{1}{4}$ do	
170	Culbertson, C. M., Newman, Ill.	May 5, 1884	1283	1830	1.43	Goggles	do $\frac{1}{4}$ do $\frac{1}{4}$ do	R. & W. F.
171	do do	Jan. 6, 1884	1403	1905	1.35	Falstaff	do $\frac{1}{4}$ Native	R. & W. F.
172	do do	Apr. 15, 1884	1303	1830	1.40	Bardolph	do $\frac{1}{4}$ do	R. & W. F.
173	do do	Mar. 20, 1884	1329	2000	1.50	Peto	$\frac{1}{2}$ Hereford, $\frac{1}{4}$ Shorthorn, $\frac{1}{4}$ Native	R. & W. F.
174	do do	Dec. 10, 1886	334	800	2.39	Star Wilton 16th	Hereford	R. & W. F.
177	Funkhouser, Jas. A., Plattsburg, Ills.	Jan. 27, 1884	1382	1970	1.43	Red Maple	$\frac{7}{8}$ Shorthorn, $\frac{1}{8}$ Native	R. & W. F.
178	do do	Feb. 11, 1885	1001	1900	1.90	Cupid	Hereford, $\frac{3}{8}$ Shorthorn, $\frac{1}{8}$ Native	R. & W. F.
179	do do	Feb. 8, 1885	1004	1720	1.71	Clinton	do $\frac{3}{8}$ do $\frac{1}{8}$ do	R. & W. F.
180	do do	Feb. 5, 1886	642	1405	2.19	Defiance	do $\frac{7}{16}$ do $\frac{1}{16}$ do	R. & W. F.
181	do do	Jan. 30, 1886	648	1370	2.11	Portrait	do $\frac{1}{4}$ do $\frac{1}{4}$ do	R. & W. F.
182	do do	Dec. 28, 1886	316	930	2.94	Granite	do $\frac{1}{4}$ do $\frac{1}{4}$ do	R. & W. F.
183	do do	Jan. 15, 1887	298	925	3.10	Lithograph	do $\frac{1}{4}$ do $\frac{1}{4}$ do	R. & W. F.
184	Earl, Adams, Lafayette, Ind.	Jan. 9, 1886	669	1185	1.77	Earl of Shadland, 16th	Hereford	R. & W. F.
185	do do	Jan. 30, 1887	283	620	2.19	Elder	$\frac{1}{4}$ do $\frac{1}{16}$ Shorthorn, $\frac{1}{16}$ Native	R. & W. F.
185	do do	Jan. 29, 1887	384	685	2.41	Ensign	do $\frac{1}{16}$ do $\frac{1}{16}$ do	R. & W. F.
186	do do	Feb. 17, 1881	630	1350	2.14	Exeter	do $\frac{1}{4}$ do $\frac{1}{4}$ do	R. & W. F.



188	do	do		May 23, 1884	1265	2090	1.65	Sir Bartle 5th.	1/2	do	1/4	do	R. & W. F.
189	do	do		Apr. 15, 1884	1303	2160	1.66	Sir Bartle 3d.	1/2	do	1/4	do	R. & W. F.
191	Pickett, J. W., Plattsburg, Mo.	do		Apr. 16, 1885	937	1755	1.87	Experiment.	Shorthorn.	do	1/2	do	Roan.
192	do	do		Jan. 10, 1885	1033	1935	1.87	Challenger.	do	Angus, 7/16	Shorthorn, 1/16	Native.	Roan.
194	Smith, J. S., Bates, Ill.	do		Apr. 20, 1886	568	1130	1.99	Sidney	1/2	do	1/2	do	
195	do	do		July 21, 1886	476	1120	2.35	Illinois	1/2	do	1/2	do	
196	do	do		Sep. 12, 1886	423	1005	2.37	Richland	1/2	do	1/2	do	
197	do	do		July 1, 1886	496	1060	2.14	Springfield.	1/2	do	1/2	do	
198	Inter-State Galloway Cattle Co., Kansas City, Mo.	do		Feb. 26, 1886	621	1190	1.92	Bonita.	1/2	Galloway, 1/2	Shorthorn.	1/8 Native	Roan.
199	do	do		Apr. 1, 1885	952	1750	1.84	General.	1/2	do	3/8	do	Red.
200	do	do		Mar. 2, 1885	982	1875	1.91	Colonel	1/2	do	1/4	do	
201	Iowa Hereford Cattle Co., Indianola, Ia.	do		Dec. 26, 1885	683	1465	2.14	Barabas.	Hereford.	do	do	do	R. & W. F.
202	do	do		Jan. 15, 1887	298	775	2.60	Rudolph Wilton.	do	do	do	do	R. & W. F.
203	Smith, J. S., Bates, Ills.	do		May 5, 1886	553	1205	2.18	Sangamon.	1/2	Angus, 1/2	Shorthorn.	do	
204	do	do		Aug. 20, 1886	446	1050	2.35	Bates	1/2	do	1/2	do	
205	do	do		Sep. 4, 1886	431	1165	2.70	Sucker	1/2	do	7/16	do	1/16 Native.
206	do	do		Sep. 8, 1886	427	930	2.18	Alexander	1/2	do	1/2	do	
207	Moffatt, Wm. & Bro., Paw Paw, Ills.	do		June 13, 1885	879	1745	1.98	Sir Knight.	1/2	do	1/2	do	
208	do	do		Dec. 20, 1885	689	1685	2.44	Cruickshank.	Shorthorn.	do	do	do	
209	do	do		Jan. 24, 1886	654	1160	1.77	Cambridge 1st.	do	do	do	do	
210	do	do		Mar. 26, 1886	593	1265	2.13	New Style.	15/16	do	1/16	Native.	
211	do	do		Mar. 29, 1886	590	750	1.27	Latest Style.	7/8	do	1/8	do	
212	Price, J. R. & Son, Williamsville, Ills.	do		Apr. 30, 1885	923	1655	1.80	Arthur.	1/2	Hereford, 3/8	Shorthorn, 1/8	Native.	R. & W. F.
213	do	do		Apr. 15, 1885	938	1740	1.85	Armour	1/2	do	3/8	do	R. & W. F.
214	do	do		Dec. 17, 1885	691	1410	2.04	Bonananza.	1/2	do	3/8	do	R. & W. F.
215	do	do		June 6, 1886	521	1295	2.48	Banana.	1/2	Hereford, 3/8	Shorthorn, 1/8	Native.	R. & W. F.
216	do	do		Jan. 3, 1887	310	910	2.93	Cullom.	1/2	do	3/8	do	R. & W. F.
217	Todd, S. H., Wakeman, O.	do		Mar. 1, 1887	253	750	2.96	Cyclone.	3/4	do	3/8	do	R. & W. F.
219	Moffatt, Wm. & Bro., Paw Paw, Ill.	do		Sep. 26, 1885	774	1705	2.20	Cruickshank 2d.	Shorthorn.	do	do	do	
223	Waddell, B., Marion, O.	do		Dec. 25, 1885	684	1545	2.26	Christmas Gift.	Hereford..	do	do	do	R. & W. F.
224	do	do		July 15, 1885	847	1595	1.88	Charley	Shorthorn.	do	do	do	R. & W. F.
225	do	do		Dec. 25, 1885	684	1455	2.13	Buck.	do	do	do	do	Red.
226	do	do		Sep. 10, 1886	425	1255	2.94	Billy.	do	do	do	do	R. & W.
227	do	do		Mar. 2, 1886	617	955	1.55	Bobby.	Devon....	do	do	do	Roan.
228	do	do		May 1, 1887	192	690	3.59	Ohio Bell.	Shorthorn.	do	do	do	

CLASS B—HORSES.

David Gore, Superintendent Heavy Horses.

E. C. Lewis, Superintendent Light Horses.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	NAME OF ANIMAL.	BREED.
1	Door Prairie Live Stock Association, Door Village, Ind.	1884	Country Gentleman, 707	Cleveland Bay
2	do do	1885	Surprise	do
3	do do		Burke	
4	do do		Leoline, 695	Clydesdale
5	do do	1885	Laird of Moray	do
5	do do		Baldwin	
7	do do		Young Nigger	
8	Blair Bros. & Curry, Aurora, Ill.	1884	Queen of Trumps	English Shire
9	do do	1884	Lead the Way	Clydesdale
10	do do	1883	Glencoe, 3642	do
11	do do	1884	Blythe Matchless	English Shire
12	do do	1884	Master Piece, 520	do
13	do do	1882	Blythe Tom	do
14	do do	1882	Pride of the Glen, 3080	Clydesdale
15	do do	1882	Grand Times, 2843	do
16	do do	1882	Saxon, 4673	English Shire
17	do do	1883	Stokely Tom, 5364	do
18	Ogilvie, Robt. B., Madison, Wis.	1885	Queen of Lyons	Cleveland Bay
19	do do	1883	Olive of Jordonstone	Clydesdale
20	do do	1883	Nettie of Jordonstone	do
21	do do	1885	Gladstone of Oak Park	do
22	do do	1885	McQueen	do
23	do do	1883	Bar None	Grade Draft
24	Banks & Hilt, La Porte, Ind.	1885	Sarah	Clydesdale
25	do do	1884	Grand Type	do
26	do do	1883	Pickwick	do
28	do do	1885	Blair of Oakland	do
30 1/2	Galbraith Bros., Janesville, Wis.		Tom Thumb	Shetland Pony
31	do do	1881	Agricola	English Shire
32	do do	1883	The Centaur	do



33	Galbraith Bros., Janesville, Wis.	1884	Satisfaction	English Shire
34	do do	1877	Glenceoe	Clydesdale
35	do do	1883	Buckden	English Shire
36	do do	1881	Sensation	Clydesdale
37	do do	1883	The Milroy	do
38	do do		Foxhall	
39	do do		Leiston	
40	do do	1884	Blantyre Chief	Clydesdale
41	Holloway, Robt., Alexis, Ill.	1885	Belle of Tarbroch	do
42	do do	1883	Cherry Ripe	do
43	do do	1886	Cairnbroggie 1st	do
44	do do	1886	Cairnbroggie 2nd	do
45	do do	1886	Handsome	do
46	do do	1883	Simple Jamie	do
47	do do	1885	Steadfast	do
48	do do	1883	Cedric	do
49	do do	1884	Pointsman Again	do
50	do do	1883	St. Cuthbert	do
51	Huston, John C., Blandinsville, Ill.	1885	Wrangler	do
52	do do	1885	Privateer	do
53	do do	1885	Auchenbowie	do
54	do do	1885	Diamond Cross	do
55	do do	1884	Millionaire	do
56	do do	1884	MacBrayne	do
57	do do	1884	The Madhi	do
58	do do	1884	Sir Christopher	do
59	do do	1883	Salisbury	do
60	do do	1883	Robert the Bruce	do
61	Burgess Bros., Wenona, Ill.	1883	Broughton Prince	English Shire
62	do do	1876	Beaconsfield 2d	do
63	do do	1884	Arbitrator	do
64	do do	1884	Lothair	do
65	do do		Romulus	
66	do do		Beau Brummel	
67	do do	1885	Dauntless	English Shire
68	do do		Eric	
69	do do	1882	Saltfleet Camelia	English Shire
70	do do		Brown Duchess	do
71	Raeseide Bros., Waukegan, Ill.	1886	King Lear	Clydesdale
72	do do	1885	The Leader	do

# CLASS B—HORSES—CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	NAME OF ANIMAL.	BREED.
73	Raeside Bros., Waukegan, Ill.	1884	Tamworth	Clydesdale
75	do do	1881	Gracy	do
76	do do	1884	Leo	Pony
76	do do	1884	Masher	do
77	do do	1884	Gypsy	do
77	do do	1885	Spark	do
78	Niles, Wm., La Porte, Ind.	1880	Daring Foe	Clydesdale
80	Wilson, R. J., Hebron, Ind.	1879	Isley Jim	Grade Draft
81	Morey, T. P., Lowell, Ind.	1886	Bob	do
85	Degen Bros., Ottawa, Ill.	1884	Trouville	Carriage Horse
86	do do	1884	Feuilletton	Percheron
87	Dillon Bros., Normal, Ill.	1886	Roxy G.	do
88	do do	1881	Dimmit	French Draft
89	do do	1885	Anna G.	Percheron
90	do do	1883	Honesty B.	French Draft
91	do do	1883	Linnet B.	do
92	do do	1885	Melissa B.	do
93	do do	1884	Surprise G.	do
94	do do	1883	Essie G.	Percheron
95	do do	1880	Lorelee G.	do
96	do do	1876	Modesty G.	do
99	Virgin & Co., Fairbury, Ill.		Hermite	French Coach
100	do do	1885	Mina	French Draft
101	do do	1885	Abelon	do
102	do do	1884	Chasseur	do
103	do do	1884	Perot	do
104	do do	1884	Paupin	do
105	do do	1883	Prouder	do
106	do do	1884	Soudan	do
107	do do	1884	Colin	do



108	Virgin & Co., Fairbury, Ill.	1882	Fargerou	French Draft.
109	Wabash Importing Co., Wabash, Ind.	1883	Hercules	Belgian
110	do do	1882	Brilliant	do
111	do do	1883	Bayard	do
112	do do	1883	Baron	do
114	do do	1884	Bojard	do
115	do do	1884	Burgoyne	do
116	do do	1884	Lion	do
117	do do	1885	Le Gros	do
118	do do	1885	General	do
119	Riley, Thomas, Forest, Ill.	1885	Jumbo	French Draft
120	do do	1880	Marquis	do
121	do do	1880	General Forest	do
123	Degen Bros., Ottawa, Ill.	1883	Bouvreuil	Percheron
124	do do	1884	Bernadotte	do
125	do do		Voltaire XI	French Draft
126	do do	1884	Sultan II	Belgian
127	do do		Major	do
128	do do	1885	Beau Sire	do
129	do do		Julius Caesar	do
130	Rogers, B. L., Lyons, Ia.		Sultan	do
131	do do		Brilliant	French Draft
132	Shaubach & Eaton, Tonica, Ill.	1884	Tritoma	do
133	Sass & Miller, Ancona, Ill.	1883	Monte Christo	do
134	do do	1883	Mouton	do
135	do do	1885	Black Beauty	do
136	do do	1883	Negro	do
137	do do	1883	Porthos	do
138	do do	1883	Valiant	do
139	Beckett, Jas. D., Chicago, Ill.	1883	King Spark	English Shire
140	do do	1885	Brown Prince	do
141	do do	1885	Goldsborough	Cleveland Bay
142	do do	1883	Eastern Star	do
143	do do	1884	Oppenay	French Coach
144	do do	1884	Gentil	do
145	do do	1883	Sultan	Percheron
146	do do	1884	Madere XI	do
147	do do	1883	Angot	do
148	do do	1884	Romeo	do
149	Johnson, Leonard, Northfield, Minn.	1882	Briard	do

# CLASS B—HORSES—CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	NAME OF ANIMAL.	BREED.
150	Johnson, Leonard, Northfield, Minn.	1882.	Gilbert.	Percheron.
151	do	1883.	Vert Gallant.	do
153	do	1883.	Sadie.	do
154	do	1884.	Messagere.	do
157	Thompson, S. D., Wayne, Ill.		Grover.	Pony.
158	do		Maria.	do
159	Dunham, M. W., Wayne, Ill.	1885.	Marane, 4379.	Percheron.
160	do		Colette, 5696.	do
161	do	1885.	Rosaline, 5176.	do
162	do		Adelaide, 519, (1407)	do
163	do		Bertha, 5340, (7108).	do
164	do	1885.	Lancette, 5672, (6994).	do
165	do	1885.	Julia, 5676, (7015).	do
166	do	1885.	Margot, 5658, (7021).	do
167	do	1885.	Rafale, 4391.	do
168	do		Brilliant, 1271, (755).	do
169	Stericker Bros., Springfield, Ill.	1881.	Duke of York.	Cleveland Bay.
170	do	1884.	Ventnor.	do
171	do	1884.	Kingscote.	do
172	do	1885.	Napoleon.	do
173	do	1885.	Royal Monarch.	do
174	do	1883.	Lady Hilda.	do
175	do	1882.	Empress.	do
176	do	1881.	Turcoman.	Clydesdale.
177	do	1885.	Sargeant.	English Shire.
178	do	1884.	Sonsie.	do
180	Dillon Bros., Normal, Ill.	1887.	When.	Percheron.
182	Yeomans, Henry, Indianola, Ia.	1884.	Lucky Boy.	Cleveland Bay.
183	do	1885.	Provost.	Carriage Horse.



185	Johnson, Leonard, Northfield, Minn.	....	1882.	La Ceine.	French Coach.
186	do	....	1882.	Estimee.	do
187	do	....	1880.	Perla.	do
188	do	....	1882.	Epatant.	do
189	Brown, Geo. E. & Co., Aurora, Ill.	....	1884.	Consort.	Cleveland Bay.
190	do	....	1884.	Banquo.	do
191	do	....	1882.	True Britain.	do
192	do	....	1883.	Darnley.	do
193	do	....	1884.	Knight Templar.	English Shire.
194	do	....	1884.	Carter.	do
195	do	....	1884.	Lincoln.	do
196	do	....	1884.	Don Pedro.	do
197	do	....	1883.	King John.	do
198	do	....	1882.	Holland Major.	do
199	Wadsworth, Jas., Chicago, Ill.	....	1884.	Hambletonian Bashaw.	Roadster.
200	Sunderland, I. T., Chicago, Ill.	....	....	Parnell.	Roadster.
202	do	....	1884.	Scalchi.	do
209	Hill, Ira A., Chicago, Ill.	....	1878.	Royal Bashaw, Hill's.	do
210	do	....	1877.	Royal George, Hill's.	do
212	Baker, W. T., Bolivia, Ill.	....	....	Jewel.	Saddle Horse.
213	do	....	1886.	Budd Doble.	Carriage Horse.
214	do	....	1884.	Mollie.	do
215	do	....	1884.	Nellie Grant.	do
216	do	....	1885.	Freeland.	do
217	do	....	1884.	Head'em.	do
218	Miller.	....	....	Dick Oglesby.	....
223	Covert, Geo. H., Chicago, Ill.	....	1875.	Mambrino Prince.	Roadster.
224	King, Rufus, Chicago, Ill.	....	1875.	Kingston.	do
226	Mathison, S., Chicago, Ill.	....	....	Prince Logan.	Saddle Horse.
228	Newman, Jno., Elgin, Ill.	....	1883.	Newmont.	Roadster.
230	Gray, James, Freeport, Ill.	....	1883.	Valmouth.	Carriage Horse.
231	do	....	1882.	Escobas.	do
232	do	....	1883.	Proussac.	do
233	do	....	1882.	Eblouissant.	do
234	do	....	1881.	Dadias.	do
235	do	....	1884.	Lance of Joy.	do
236	do	....	1882.	Erantial.	do
237	Cater Bros., Libertyville, Ill.	....	1882.	Armathwaite Champion.	Clydesdale.
238	do	....	1880.	Top Gallant.	English Shire.
239	do	....	1884.	Jubilee.	do

# CLASS B—HORSES—CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	NAME OF ANIMAL.	BREED.
240	Cater Bros., Libertyville, Ill.	1885.	Speculator.	Cleveland Bay.
241	do do	1885.	Young Nobleman.	do
242	do do	1882.	Free Trade.	Carriage Horse.
243	Moffatt, Wm. & Bro., Paw Paw, Ill.	1885.	Corsair III.	Clydesdale.
244	do do	1884.	Baron Victor.	do
246	do do		Conningsly.	do
247	Swanbrough, J. W., Waukegan, Ill.	1883	Princeps Wilkes.	Roadster.
248	do do	1875.	Hambletonian Prince.	do
249	Shillington, Isaac, Chicago, Ill.	1884.	Royal Arch.	do
250	Crockett, W. D., Waukegan, Ill.	1879.	Judge Hayes.	do
250½			Little Minch.	Saddle Horse.
251			Ruby Wilkes.	do
252	Russ, O. A., Chicago, Ill.	1882.	Captain.	do
253	Dunne, Mrs. M. W., Chicago, Ill.	1880.	Archie D.	do
254	Rowe, D. N., Chicago, Ill.	1881.	Kitty K.	do
255	Harvey, T. W., Chicago.		Artisan.	do
256	Degen Bros., Ottawa, Ill.	1884.	Charlie.	Pony.
257	Gleason, H. J., Chicago, Ill.		Colonel.	do
259	Burgess Bros., Wenona, Ill.		Charley.	do
267	Scranton, G. F., Forrest, Ill.		Rex.	do
268	Keenan, Robbie, Chicago, Ill.		Jennie.	do
A	Mallory, M. S., Jr., Belvidere, Ill.	1878	Corsican.	Percheron.
B	Degen Bros., Ottawa, Ill.	1884	Billy.	Carriage Horse.
B	do do	1887.	Porthos.	Percheron.
D	do do	1887.	Attila.	do
D	Blodgett, A. Z., Waukegan, Ill.	1887.	King Harry.	Clydesdale.
E	do do	1887		do
F	do do	1887.	King George.	do
G	Mallory, M. S., Jr., Belvidere, Ill.		Gilman.	Roadster.
H	do do	1884.	McGurigan.	do



Murphy, Jno. C., South Evanston, Ill.	.....	Dick	.....	Roadster
Moon, W. D., Chicago, Ill.	.....	Geo. Palmer	.....	do
Smith, Geo. R., Shelbyville, Ky.	.....	Jugler	.....	Park Horse
Burgess Bros., Wenona, Ill.	.....	John O'Gaunt	1885	English Shire
do	do	Lady Beaconsfield	1883	do
do	do	Wenona Queen	1884	do
do	do	Lady Bradshaw	1885	do
Degen Bros., Ottawa, Ill.	.....	Tulip	.....	Percheron
Holloway, Robt., Alexis, Ill.	.....	Darling	1881	Clydesdale
do	do	Maud of Oak Grove	1885	do
Blair Bros. & Curry, Aurora, Ill.	.....	Stumah	1883	do
do	do	Hetty	1885	English Shire
do	do	The Princess	1885	do
Dillon Bros., Normal, Ill.	.....	Sarena	1886	Percheron
Dunham, M. W., Wayne, Ill.	.....	Frigate	1884	do
do	do	Stradat	1880	do
do	do	Cheri	1882	do
do	do	Pollux	1884	do
do	do	Pacha	1884	do
do	do	Ventuer	1884	do
do	do	Atilla	1884	do
do	do	Lerida	1884	do
do	do	Absalom	1885	do
do	do	Gastronome	1885	do
do	do	Mascotte	1882	do
do	do	Bijourie	1882	do
do	do	Giaria	1882	do
do	do	Favorita	1882	do
do	do	Zoe	1884	do
do	do	Babie	1884	do
do	do	Medora	1885	do
do	do	Eblouissant	1883	do
do	do	Hilaire	1885	French Coach
do	do	Gildino	1884	do
do	do	Gil Blas	1884	do
do	do	Grancey	1884	do
do	do	Ferron	1883	do
do	do	Fleuron	1883	do
do	do	Forrester	1883	do
do	do	Vesta	1880	do

# CLASS B—HORSES—CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	NAME OF ANIMAL.	BREED.
	Dunham, M. W., Wayne, Ill.....	1885.....	Hirondelle .....	French Coach .....
	Wadsworth, Jas., Chicago, Ill.....	1884.....	Abdallah Hambletonian.....	Roadster .....
	do .....	1886.....	Lady Atwood .....	do .....
	Brown, Geo. E. & Co., Aurora, Ill.....	1884.....	Lord Byron.....	English Shire.....
	do .....	1884.....	Portland Wonder.....	do .....
	do .....	1884.....	Eagle .....	do .....
	do .....	1885.....	Harold Champion.....	do .....
	do .....	1885.....	Top Gallant.....	do .....
	do .....	1885.....	Aurora Champion .....	do .....
	do .....	1885.....	Hartington.....	do .....
	do .....	1885.....	Bay Chapel.....	do .....
	do .....	1885.....	Deeping Plowboy.....	do .....
	do .....	1885.....	Active.....	do .....
	do .....	1885.....	Proud Tom.....	do .....
	do .....	1885.....	Endymion.....	Cleveland Bay .....
	do .....	1885.....	Hannibal.....	do .....
	do .....	1885.....	Czar.....	do .....
	do .....	1885.....	Prince Arthur.....	do .....
	do .....	1885.....	Almont.....	do .....
	do .....	1885.....	Homer.....	do .....
	do .....	1885.....	Rushmore .....	do .....
	do .....	1881.....	Gloster.....	do .....
	do .....	1883.....	Marlboro.....	do .....
	do .....	1884.....	Warlock.....	do .....
	do .....	1881.....	Adelaide.....	do .....
	do .....	1879.....	Vivian.....	do .....
	do .....	1882.....	Elobah.....	Carriage Horse .....
	Holloway, Robt., Alexis, Ill.....	1887.....	Cloth of Gold .....	Clydesdale.....
	do .....	1887.....	Stalwart .....	do .....
	do .....	1885.....	Minnie Tarbroch.....	do .....



Holloway, Robt., Alexis, Ill.	1886.	St. Cuthbert's Daisy.	Clydesdale.
do do	1887.	St. Cuthbert's Maggie.	do
do do	1887.	Beautiful Princess.	do
do do		Cairnbroggie 1st.	do
Galbraith Bros., Janesville, Wis.	1882.	Caractacus.	English Shire.
do do	1884.	Prince Royal.	do
do do	1884.	Bold Prince.	do
do do	1884.	Ambassador 3d.	do
do do	1885.	Sir Roger 2d.	do
do do	1885.	Grove Spark.	do
do do	1885.	Carlton Thumper.	do
do do	1885.	Sprotbro Matchless.	do
do do	1877.	Queen of Merryton.	do
do do	1884.	Lily.	Clydesdale.
do do	1884.	Lord Derby.	Cleveland Bay.
do do	1884.	Star of Cleveland.	do
do do	1884.	Endearment.	do
do do	1883.	Young Sanguhar.	Clydesdale.
do do	1884.	Holyrood.	do
do do	1885.	Earl of Tornorrock.	do
do do	1885.	Dollar Yet.	do
do do	1885.	Graham Fancy.	do
do do	1885.	Bengullion.	do
do do	1880.	Beauty.	do
Wilson, W. J. Chicago, Ill.		Captain.	Carriage Horse.
do do		Colonel.	do
Brown, Geo. E. & Co., Aurora, Ill.	1884.	Jewel.	Cleveland Bay.
Harvey, J. R. & Co., Chicago, Ill.		Prince Edward.	
do do		Earl.	
Davis, Geo. F. & Co., Dyer, Ind.	1881.	Dexter.	Saddle Horse.
Bergen Bros., Manhattan, Ill.	1883.	Duke of Edinburg.	Pony.
do do	1885.	Prince of Iceland.	do
do do	1879.	Jenny.	do
do do	1881.	Jane.	do
do do	1884.	Pet.	do
do do	1884.	Kit.	do
Smith, Geo. P., Chicago, Ill.		Minnie.	Carriage Horse.
do do		Mattie.	do
Winslow, Peleg, Kankakee, Ill.	1885.	Nicodemus.	Roadster.
Brooks, J. W., Jr., Chicago, Ill.		Billy Boy.	Saddle Horse.

# CLASS B—HORSES—CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	NAME OF ANIMAL.	BREED.
	Brooks, J. W., Jr., Chicago, Ill.		Annie.....	Saddle Horse.....
	Blass, J. H., do		Hattie B.....	Roadster.....
	Fay, C. N., do		.....	} Cobs .....
	do		.....	
	Robinson, J. K., Jr., do		Frolic.....	Pony.....
	Rockwood, Florence, Chicago, Ill.		Queen Ella.....	Saddle Horse.....
	Rockwood, F. B., do		Rex.....	do .....
	Waixel, D., do		John P.....	do .....
	Brewster, Peabody, Allegan, Mich.	1884.	Time o' Day.....	Grade Draft.....
	Taylor, Hubert C., Chicago, Ill.		.....	} Four-in-Hand .....
	do		.....	
	do		.....	
	do		.....	
	Cronholm, N. L., do	1881.	St. Elmo.....	Roadster.....
	Allerton, Saml., W. do		.....	Carriage Horse.....
	do		.....	do .....
	Palmer, Potter		.....	} Four-in-Hand.....
	do		.....	
	do		.....	
	do		.....	
	Cooper, John S., do		John S.....	Roadster.....
	Ryan, John F., do		Midget .....	do .....
	Close, J. B., do		Oriole .....	Saddle Horse.....
	Burdett, E. A., do		Frank G.....	Coupe Horse.....
	Reynolds, Fred Lee, do		Sam .....	Pony.....
	Smith, Davis & Co., Fulton, Mo.		.....	Saddle Gelding.....
	Cudahy, M., Chicago, Ill.		.....	do .....
	do		.....	do .....
	Heckinger Bros., Chicago, Ill.		Bay Prince.....	Roadster.....
	Bergman, John do	1884.	Highland Wilkes.....	do .....



Billings, C. K. G., Chicago, Ill.	.....	Jessie	.....	Saddle Horse
Coy, Harry,	.....	1885	Jennie	Pony
do	.....			do
Perrin, G. E.,	.....			Roadster
Baxter, A. J.,	.....			} Brougham Team
do	.....			
Macfarland, H. J.,	.....			Roadster
do	.....	1879	Bob	do
do	.....	1879	Spy	Cart Horse
do	.....		Prince	do
do	.....		Chief	Roadster
Blass, J. H.,	.....		Don	do
Goss, S. F.,	.....		Parnell	do
Baldwin, W. W., Jr., do	.....	1878	Young Nigger	Grade Draft
Hunter, Alex., Caledonia, Ill.	.....	1884	Betty Rogers	Clydesdale
do	.....	1885	Lord James	do
Martindale, H. H., Chicago, Ill.	.....		Harry	Carriage Horse
do	.....		Horace	do
do	.....		Frank	} Cobs
do	.....		Fred	Roadster
Caton Stock Farm, Joliet, Ill.	.....		Hennepin Maid	do
do	.....		Michigan	do
Olin, D. H., Chicago, Ill.	.....		Colonel	do
Frazier, James, Chicago, Ill.	.....		King Clay	do
do	.....		Kansas Jack	} Tandem Team
do	.....		Peacock	
do	.....		Bright Eyes	} Cobs
do	.....		Merry Legs	Roadster
Romaine, J. H., Chicago, Ill.	.....		Kitty Wilkes	do
Kelley, John, Chicago, Ill.	.....		Opal	do
Nelson, O. C., Chicago, Ill.	.....		Oglesby	} Cobs
do	.....		Mate	
Schwartz, Chas., Chicago, Ill.	.....			} Four-in-Hand
do	.....			
do	.....			
do	.....			
Carson, J. D., Chicago, Ill.	.....			} Cobs
do	.....			Roadster
Kennett, F. J., Chicago, Ill.	.....			do
do	.....			Jack
Babb, Albert, Taylorville, Ill.	.....	1885	Hindu	

# CLASS B—HORSES—CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	NAME OF ANIMAL.	BREED.
	Babb, Albert, Taylorville, Ill.	1887.	Don Alfonso.	Jac.
	do do	1887.	Jehu.	do.
	do do	1874.	Tolu.	Jennet.
	do do	1887.	Donna Julia.	do.
	do do	1887.	Antonia.	do.
	Lester, Jno. T., Chicago, Ill.			} Brougham Team.
	do do			
	Harvey, J. R., Chicago, Ill.			Tandem Team.
	do do			do.



# CLASS O—SHEEP.

## ALLAN C. RUSH, Superintendent.

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No. of Stall.	NAME AND POST-OFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 8, 1887.	Weight November 8, 1887.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
41	Stone, R. J., Stonington, Ill.	Apr. 28, 1887	195	135	.69	Clipper.....	Oxford.
41	do do	Apr. 29, 1887	194	135	.69	Treadwell.....	do
42	do do	Apr. 26, 1885	927	190	.20	Champion.....	do
42	do do	Apr. 30, 1885	923	215	.23	Tuck.....	do
43	do do	Apr. 20, 1885	933	218	.23	Hudson.....	Hampshire.
43	do do	Apr. 26, 1884	1292	245	.19	Perfection..	Oxford.
44	do do	Apr. 20, 1886	568	157	.28	The Student.....	do
44	do do	Apr. 20, 1886	568	181	.32	Professor.....	do
44	do do	Apr. 22, 1885	931	177	.19	Dandy.....	Oxford, $\frac{1}{2}$ Southdown.
45	do do	Apr. 30, 1886	558	147	.26	Dick.....	do
45	do do	Apr. 25, 1886	563	141	.25	Tom.....	do
45	do do	Apr. 25, 1886	563	125	.22	Bill.....	do
46	do do	Apr. 28, 1887	195	83	.42	Elliott 2d.....	do
46	do do	Apr. 28, 1887	195	82	.42	Elliott.....	do
48	Potts & Son, J. H., Jacksonville, Ill.	Apr. 3, 1885	950	220	.23	Ed.....	Southdown.
48	do do	Mar. 25, 1885	959	208	.23	Allen.....	do
48	do do	Feb. 25, 1886	622	188	.30	Larry.....	do
49	do do	Apr. 15, 1886	573	177	.31	Elliott.....	do
49	do do	Feb. 23, 1887	259	102	.40	Charlie.....	do
49	do do	Feb. 28, 1887	619	170	.27	Gates.....	$\frac{1}{2}$ Southdown, $\frac{1}{2}$ Cotswold
50	Harvey, T. W., Turlington, Neb.	Mar. 3, 1885	981	226	.23	Remarkable.....	Southdown.
50	do do	Mar. 2, 1885	982	216	.22	Graceful.....	do
50	do do	May 3, 1885	981	206	.21	Non Such.....	do
51	do do	Mar. 1, 1886	618	297	.48	Exquisite.....	do
51	do do	Mar. 2, 1886	617	182	.29	Mutton Chops.....	do
51	do do	May 3, 1886	555	238	.43	Turlington.....	do
52	do do	May 3, 1885	920	210	.23	Elegance.....	do

52	Harvey, T. W., Turlington, Neb.	May 3, 1885	920	192	.21	Pride.....	Southdown.
52	do	May 5, 1885	979	201	.20	Superb.....	do
53	do	May 3, 1886	555	171	.31	How Nice.....	do
53	do	May 3, 1886	555	178	.32	President.....	do
53	do	Apr. 22, 1887	201	113	.56	Dandy.....	do
53	do	May 3, 1886	555	190	.34	Governor.....	do
54	do	May 5, 1886	553	192	.35	Standard.....	do
54	do	May 5, 1886	553	170	.31	Otoe Chief.....	do
54	Wells, F. F., Kenney, Ill.	Apr. 25, 1884	1293	200	.15	Model.....	$\frac{1}{2}$ Merino, $\frac{1}{2}$ Cotswold.
58	Rundle, J. F., Birmingham, Mich.	Mar. 25, 1885	959	256	.27	Duke.....	Shropshire.
59	do	Feb. 1, 1886	646	218	.34	Choice.....	do
59	do	Feb. 16, 1887	266	120	.45	Handy.....	do
60	do	Mar. 16, 1885	968	245	.25	Able.....	Hampshire.
60	do	Mar. 20, 1886	599	155	.26	Mark.....	do
60	do	Mar. 19, 1885	965	100	.10	Warwick.....	$\frac{1}{2}$ Shropshire, $\frac{1}{2}$ Cotswold.
61	do	Mar. 15, 1887	239	207	.86	A. H.....	Hampshire.
61	do	Mar. 15, 1887	239	145	.63	Canada.....	Leicester.
61	do	Mar. 17, 1886	602	173	.29	Ohio.....	$\frac{1}{2}$ Southdown, $\frac{1}{2}$ Cotswold.
62	do	May 6, 1886	552	150	.27	Kentucky.....	Southdown.
62	do	Mar. 26, 1887	228	120	.52	William.....	$\frac{1}{2}$ Shropshire, $\frac{1}{2}$ Cotswold.
65	Geo. Allen & Son, Archie, Ill.	Apr. 4, 1885	949	239	.25	Dandy.....	Shropshire.
65	do	Mar. 29, 1885	955	247	.26	Model.....	do
66	do	Apr. 3, 1885	950	249	.26	Beauty.....	do
66	do	May 9, 1884	1279	285	.22	Bobby.....	$\frac{1}{4}$ Oxford.
67	do	May 27, 1886	531	177	.33	Bobby 3d.....	$\frac{1}{2}$ Oxford.
67	do	May 14, 1886	544	181	.33	Ned 2d.....	$\frac{1}{2}$ Hampshire.
67	do	May 14, 1886	544	207	.36	Ned 3d.....	do
68	do	May 25, 1886	533	173	.32	Charley.....	do
68	do	Apr. 21, 1885	932	213	.23	Bobby 2d.....	$\frac{1}{2}$ Oxford.
69	do	June 5, 1886	522	175	.32	Model 2d.....	Shropshire.
69	do	Apr. 12, 1886	576	170	.29	Patent.....	do
69	do	Jan. 4, 1887	309	154	.50	Bar None.....	do
70	do	Apr. 28, 1887	195	110	.56	Charlie 2d.....	do
70	do	May 2, 1887	191	112	.58	Model 3d.....	do
70	do	Apr. 9, 1887	214	121	.57	Bobby 4th.....	$\frac{1}{4}$ Oxford.
70	do	Apr. 16, 1887	207	127	.61	Bobby 5th.....	$\frac{1}{4}$ do
71	Newton, Mrs. Ann, Pontiac, Mich.	Feb. 15, 1884	1364	240	.18	Stanford.....	Southdown.
71	do	Mar. 10, 1885	974	250	.20	Anderson.....	do
71	do	Mar. 15, 1886	604	171	.28	Beatty.....	do
71	do	Mar. 18, 1884	1331	244	.18	Allen.....	Shropshire.
71	do	Feb. 10, 1886	637	205	.32	Bradburn.....	do
71	do	Feb. 12, 1887	270	113	.42	Bradburn, Jr.....	do



# CLASS C—SHEEP—Continued.

ALLAN C. RUSH, Superintendent.

No. of Stall.	NAME AND POST OFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 8, 1887.	Weight November 8, 1887.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
71	Newton, Mrs. Ann, Pontiac, Mich..	Jan. 13, 1885	1030	281	.27	Keene .....	Hampshire.
71	do do do	Apr. 28, 1885	925	238	.26	Rowfant .....	do
71	do do do	Mar. 12, 1886	607	206	.34	Lampton .....	do
71	do do do	Apr. 14, 1886	574	195	.34	Bart .....	do
71	do do do	Apr. 27, 1887	196	91	.46	Hood .....	do
71	do do do	Apr. 17, 1887	206	89	.43	Dundry .....	do
71	do do do	Jan. 29, 1885	1014	242	.24	Blodgett .....	Oxford.
71	do do do	Feb. 28, 1885	984	236	.24	Blodgett, Jr. ....	do
71	do do do	Feb. 18, 1886	628	204	.32	Camperdown .....	do
71	do do do	Apr. 10, 1887	213	112	.52	Starr .....	do
71	do do do	Mar. 28, 1884	1321	241	.18	Waters .....	Cotswold.
71	do do do	Mar. 19, 1886	600	228	.38	Rockwood .....	do
71	do do do	Apr. 9, 1887	214	120	.56	Beatty .....	do
71	do do do	Mar. 22, 1885	962	173	.18	Parkinson .....	Leicester.
71	do do do	Apr. 4, 1886	584	202	.34	Walker .....	do
71	do do do	Apr. 8, 1887	215	105	.48	Nicols .....	do
71	do do do	Mar. 27, 1885	957	271	.28	Guerrey .....	Lincoln.
71	do do do	Mar. 20, 1886	599	210	.35	Shaffer .....	do
71	do do do	Apr. 3, 1887	220	97	.44	Bishop .....	do
71	do do do	Mar. 7, 1885	977	232	.24	George .....	Hampshire, $\frac{1}{2}$ Shropshire.
71	do do do	Apr. 14, 1885	939	202	.21	Dandy .....	Cotswold, $\frac{1}{2}$ Merino.
71	do do do	Apr. 2, 1886	586	203	.34	Turpin .....	Shropshire, $\frac{1}{2}$ Hampshire.
71	do do do	Apr. 17, 1887	206	120	.58	Ned .....	Leicester, $\frac{1}{2}$ Shropshire.
71	do do do	Apr. 8, 1886	580	167	.29	Colonel .....	Shropshire.
72	Todd, S. H., Wakeman, Ohio.	Apr. 8, 1886	580	167	.29	Colonel .....	do
72	do do do	May 25, 1887	168	110	.65	Captain .....	do
72	do do do	May 28, 1887	165	110	.67	Captain 2d .....	do
72	do do do	Apr. 10, 1887	213	180	.84	Monitor .....	Shropshire, $\frac{1}{2}$ Merino.
72	do do do	Apr. 15, 1887	208	152	.73	Monitor 2d .....	do
72	do do do	Apr. 20, 1887	203	102	.50	Monitor 3d .....	do

No. of Stall.	NAME AND POST OFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 8, 1887.	Weight November 8, 1887.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
73	E. & A. Stanford, Steyning, Eng.	Mar. 2, 1886	617	169	.27	Don	Southdown.
73	do do	Mar. 4, 1886	615	167	.27	Doctor	do
73	do do	Mar. 7, 1886	612	194	.32	Dan	do
73	do do	Mar. 9, 1886	610	162	.26	"D"	do
74	do do	Mar. 1, 1885	983	160	.16	David	do
74	do do	Mar. 3, 1885	981	180	.18	Daniel	do
74	do do	Mar. 5, 1885	979	223	.22	Darius	do
76	John Rutherford, Roseville, Ont.	May 10, 1885	913	246	.27	Little Jumbo	do
76	do do	May 8, 1886	550	156	.28	Victor	do
76	do do	June 1, 1887	161	91	.56	Ned	do
76	do do	Apr. 25, 1885	928	262	.28	Captain	Shropshire.
76	do do	May 1, 1886	557	140	.25	Brown	do
76	do do	May 10, 1887	183	122	.67	Henry	do
76	do do	May 4, 1887	189	125	.67	Sampson	do
76	do do	May 14, 1887	179	97	.54	Jim	do
76	do do	Apr. 26, 1886	562	215	.38	George	Oxford.
76	do do	Apr. 10, 1885	943	274	.29	Charley	Cotswold.
76	do do	May 1, 1886	557	201	.36	Wakefield	do
76	do do	May 1, 1886	557	210	.38	Peter	do
76	do do	June 1, 1887	161	131	.81	Weeks	do
76	do do	May 22, 1885	901	347	.38	Jumbo	do
76	do do	Apr. 4, 1885	949	297	.31	Ben	Shropshire, Lincoln.
76	do do	Apr. 24, 1885	929	185	.20	Tip	do Leicester.
76	do do	Apr. 20, 1886	568	215	.37	Jerry	do do
76	do do	Apr. 22, 1886	566	206	.36	Smith	do
76	do do	May 14, 1887	179	108	.60	Blake	do
76	do do	May 4, 1887	189	221	1.11	Snowball	do



76	John	Rutherford, Roseville, Ont.	Apr. 20, 1884	1298	280	.22	Dandy.....	Hampshire.
76	do	do	May 3, 1886	555	224	.40	Charlie.....	do
76	do	do	May 6, 1887	187	162	.87	Stanford.....	do
76	do	do	Apr. 20, 1885	933	297	.32	Jack.....	Leicester.
76	do	do	Apr. 25, 1885	928	297	.32	Sandie.....	do
76	do	do	Apr. 30, 1885	923	247	.27	Dick.....	do
76	do	do	May 2, 1886	556	183	.33	Sam.....	do
76	do	do	May 14, 1886	544	256	.47	Harry.....	do
76	do	do	Apr. 22, 1886	566	210	.37	Tom.....	do
76	do	do	Apr. 15, 1887	208	142	.70	Bill.....	do
76	do	do	May 10, 1887	183	120	.65	Frank.....	do
76	do	do	May 5, 1887	188	116	.62	Bob.....	do
76	do	do	Apr. 25, 1885	927	250	.27	Geordie Hood.....	Lincoln.
76	do	do	May 17, 1885	906	274	.30	Prince.....	do
76	do	do	Apr. 20, 1885	932	265	.28	Hoyt.....	do
76	John	Rutherford, Roseville, Ont.	May 13, 1886	545	135	.25	Snowball.....	Lincoln.
76	do	do	May 12, 1886	546	210	.40	Graham.....	do
76	do	do	Apr. 29, 1887	194	113	.58	Joe.....	do
76	do	do	May 5, 1887	188	150	.80	Lorne.....	do
76	do	do	May 20, 1887	173	176	1.02	Perry.....	do
78	George	Conley, Marshall, Mich.	Mar. 27, 1886	592	170	.28	Dick.....	$\frac{1}{2}$ Shropshire, $\frac{1}{2}$ Merino.
78	do	do	Mar. 10, 1885	975	195	.20	Ned.....	$\frac{1}{2}$ do
78	do	do	Apr. 1, 1887	222	176	.80	Charlie.....	$\frac{1}{2}$ do
78	Powis, J. E.,	Wayne, Ill.	Mar. 2, 1886	617	210	.36	{ Promise of Wayne 1107 ..	{ Oxford.
79	Frank	Willson, Jackson, Mich.	Mar. 23, 1885	961	226	.23	Mottle.....	Cotswold.
79	do	do	Mar. 23, 1885	961	246	.25	Mottle King.....	do
79	do	do	Mar. 26, 1886	591	171	.28	Bonnie.....	do
79	do	do	Mar. 16, 1886	603	168	.28	Leonard.....	do
80	Stanford, E. & A.,	Steyning, Eng.	Feb. 27, 1887	255	137	.54	Diomedas.....	Southdown.
80	do	do	Feb. 26, 1887	256	130	.51	Dio.....	do
80	do	do	Mar. 1, 1887	253	132	.52	Delos.....	do
80	do	do	Mar. 2, 1887	252	125	.50	Discord.....	do
155	Waddel, B.,	Marion, Ohio	June 1, 1885	891	231	.26	Pet.....	Shropshire.

## SIMON ELLIOTT, Superintendent.

36

No. of Pen.	NAME AND POST OFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 8, 1887.	Weight November 8, 1887.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
1	Stone, R. J., Stonington, Ill.	June 8, 1886	519	570	1.10	Stonington Boy	Poland-China.
2	do do	July 4, 1886	493	433	.87	Lord Wilton	Victoria.
2	do do	July 4, 1886	493	503	1.02	Jake	do
3	do do	Mar. 3, 1887	251	305	1.21	Get There	do
3	do do	Mar. 3, 1887	251	283	1.13	Get There 2d	do
4	do do	Mar. 3, 1887	251	271	1.04	Get There 3d	do
4	do do	May 20, 1887	173	196	1.13	Tom	do
5	do do	May 20, 1887	173	225	1.30	Tom 2d	do
5	do do	May 22, 1887	171	218	1.28	Fatty	Poland-China, $\frac{1}{2}$ Berkshire.
6	Clark, H. H. & Co., Onarga, Ill.	May 2, 1887	191	230	1.20	Sam	Poland-China.
6	do do	May 2, 1887	191	192	1.00	Dan	do
6	do do	May 10, 1887	183	183	1.00	Handy	do
7	do do	June 29, 1886	498	410	.82	Sandy	$\frac{1}{4}$ Native.
7	do do	Nov. 20, 1886	354	347	.98	Dandy	$\frac{1}{4}$ Duroc.
8	do do	Nov. 21, 1886	353	341	.96	Joe	$\frac{1}{4}$ Native.
8	do do	Dec. 27, 1886	317	367	1.16	Ed	do
9	do do	Sept. 7, 1886	428	457	1.07	Dick	do
9	do do	Sept. 2, 1886	433	442	1.20	Harry	do
10	do do	July 9, 1886	488	501	1.03	Tom	do
11	Wells, F. F., Kenney, Ill.	June 19, 1886	508	445	.87	Prince	Berkshire.
11	do do	May 25, 1886	533	385	.72	Henry	Poland-China.
12	do do	Nov. 29, 1886	345	266	.80	Nigger	Essex.
12	do do	May 27, 1887	166	102	.61	Frank	do
13	do do	Sept 10, 1886	425	496	1.17	Spottie	$\frac{1}{2}$ Essex, $\frac{1}{4}$ Poland-China.
13	do do	Mar. 10, 1887	244	270	1.11	Bill	$\frac{1}{4}$ Poland-China, $\frac{1}{8}$ Native.
14	do do	Dec. 10, 1886	334	345	1.03	All	$\frac{3}{4}$ do
14	do do	May 12, 1887	181	191	1.06	Sam	$\frac{1}{16}$ do
15	do do	May 20, 1886	538	450	.83	Blackey	$\frac{1}{16}$ Berkshire.



16	Squier, W. A., Kenney, Ill.	May 21, 1886	537	400	.75	Dictator	Duroc.
16	do do do	Nov. 16, 1886	358	492	1.37	Dave	do
17	do do do	Sept 28, 1886	407	345	.85	Macon	Berkshire.
17	do do do	Nov. 28, 1886	346	374	1.08	Prince of Kenny	do
18	Bennett, Thos., Rossville, Ill.	Feb. 11, 1887	271	303	1.12	Rover	Duroc.
18	do do do	Mar. 29, 1887	225	292	1.30	Dick	do
18	do do do	May 28, 1887	165	185	1.12	Charlie	do
19	do do do	May 17, 1886	541	694	1.28	Monarch	do
19	do do do	May 17, 1886	541	572	1.06	Empire	do
20	Chapman, A. P. & Co., Sugar Grove, Ill.	May 27, 1886	531	425	.80	Chub	Yorkshire.
21	do do do	June 18, 1887	509	507	1.00	Gust.	Gothland.
21	do do do	Dec. 7, 1886	337	380	1.13	Victor	do
22	Henley, L. C., Mattoon, Ill.	July 16, 1887	116	133	1.15	Brick	do
23	do do do	Mar. 11, 1887	243	326	1.34	Jim	Yorkshire, $\frac{1}{2}$ Poland-China.
23	do do do	July 3, 1887	129	165	1.28	Joe	$\frac{3}{4}$ Yorkshire, $\frac{1}{4}$ Berkshire.
24	do do do	July 5, 1886	477	406	.84	Kido	do
24	do do do	July 20, 1886	488	409	.82	Kiser	do
24	do do do	July 9, 1886	327	310	.95	Short	do
25	do do do	Mar. 24, 1887	230	267	1.16	Sam	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Yorkshire, } \frac{1}{4} \text{ Poland-China, } \frac{1}{4} \text{ Berk-} \\ \text{shire.} \end{array} \right.$
25	do do do	Mar. 21, 1887	233	258	1.11	Ed	$\frac{1}{2}$ Yorkshire, $\frac{1}{2}$ Poland-China.
25	do do do	Mar. 21, 1887	233	260	1.11	Howe	do
26	do do do	July 27, 1886	470	430	.91	Good	do
26	do do do	July 27, 1886	470	481	1.02	Better	do
26	do do do	Sept. 9, 1886	426	415	.97	Best	do
27	do do do	Dec. 17, 1886	327	310	.95	Short	Yorkshire.
27	do do do	Dec. 17, 1886	327	270	.83	Shorter	do
28	Davis, Geo. F. & Co., Dyer, Ind.	Aug. 1, 1886	465	436	.94	Cleveland	Victoria.
28	Davis, Geo. F. & Co., Dyer, Ind.	Aug. 1, 1886	465	420	.90	Victor	Victoria.
28	do do do	Nov. 30, 1886	344	370	1.07	Logan	do
30	Willson, Frank, Jackson, Mich.	Oct. 14, 1885	391	334	.85	Bogardus	Essex.
30	do do do	Feb. 28, 1887	254	287	1.13	Albert	do
30	do do do	Feb. 28, 1887	254	267	1.03	June	do
31	do do do	June 28, 1886	499	537	1.08	Gallant Boy	Berkshire.
32	do do do	June 28, 1886	499	577	1.16	Royal Harry	do
33	Bennett, Thos., Rossville, Ill.	.....	.....	960	.....	Sir Robert	Duroc.
34	Squier, W. A., Kenney, Ill.	May 22, 1887	171	191	1.14	Prince	Berkshire.
34	Squier, W. A., Kenney, Ill.	May 18, 1887	175	197	1.12	Dick	Duroc.
35	Todd, S. H., Wakeman, O.	May 25, 1886	533	482	.90	Black Prince	Poland-China.
36	do do do	Apr. 5, 1887	218	278	1.27	Tempest	Chester White.
36	do do do	July 15, 1886	482	372	.77	Beauty	$\frac{3}{4}$ Poland-China, $\frac{1}{4}$ Chester White.
38	Willson, Frank, Jackson, Mich.	Oct. 13, 1886	392	323	.82	Wm. C.	Suffolk.
38	do do do	Jan. 11, 1887	301	290	.96	Henry	do

## SIMON ELLIOTT, Superintendent.

No. of Pen.	NAME AND POST OFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 8, 1887.	Weight November 8, 1887.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
39	Willson, Frank, Jackson, Mich.	Jan. 11, 1887	301	260	.86	Harry	Suffolk.
40	do do	July 4, 1887	128	154	1.20	Wonder	Essex.
40	do do	June 28, 1887	134	150	1.12	Jim	Suffolk.
42	Doney, E. T., Jackson, Mich.	Nov. 23, 1886	351	310	.88	Fortune	Essex.
42	do do	July 7, 1887	125	132	1.06	Billy Eye	do
43	Todd, S. H., Wakeman, O	Apr. 28, 1887	195	245	1.25	Tempest 2d	Chester White.
43	do do	June 30, 1887	132	180	1.36	Sunshine	do
43	do do	May 10, 1887	183	210	1.15	Sunshine 2d	do
44	do do	Sept 10, 1886	425	462	1.09	Get There	do
44	do do	Aug. 22, 1886	444	470	1.06	Get There 3d	do
45	do do	Apr. 25, 1887	198	236	1.19	Peter	do
45	do do	May 15, 1887	178	218	1.22	Victor	do
46	do do	Apr. 25, 1887	198	333	1.68	Peter 2d	do
48	Price, J. R. & Son, Williamsville, Ill.	Aug. 14, 1886	450	522	1.16	Spot	do
48	do do	Aug. 14, 1884	450	503	1.12	White	do
49	do do	Jan. 10, 1887	303	450	1.48	Little Spot	do
49	do do	Jan. 10, 1887	303	392	1.29	Croppy	do
50	do do	Apr. 3, 1887	218	300	1.37	No. 1	do
50	do do	Apr. 3, 1887	218	307	1.40	No. 2	do
51	do do	July 4, 1886	493	445	.90	Thoroughbred	do
51	do do	May 15, 1887	178	191	1.07	Tom	do
52	Hayzlett, W. P., Bolckow, Mo.	Apr. 5, 1886	583	522	.89	Standard	Poland-China.
52	do do	Apr. 17, 1886	571	535	.94	Jumbo	do
53	do do	Aug. 20, 1886	446	375	.84	Rattler	do
53	do do	Aug. 4, 1886	462	390	.84	Star	do
53	do do	Nov. 10, 1886	364	385	1.06	Gordon	do
55	Doney, E. T., Jackson, Mich.	Sept. 1, 1886	434	383	.88	Clipper	Essex.
55	do do	Sept. 1, 1886	434	362	.83	Seller	do
55	Davis, Geo. F. & Co., Dyer, Ind.	May 25, 1886	533	490	.92	Bouncer	Victoria.
55	do do	July 1, 1887	131	182	1.39	Fatty	do

Poland-China.  
do  
do  
Native.  
do



# LIVE STOCK AND DAIRY MEETINGS

TO BE HELD DURING THE AMERICAN FAT STOCK SHOW, CHICAGO, 1887.

## November 8, Tuesday.

The American Cleveland Bay Society, at the Grand Pacific Hotel, at 7:30 o'clock p. m.  
R. P. Stericker, Sec'y, Springfield, Ill.

## November 9, Wednesday.

The American Clydesdale Association, at the Grand Pacific Hotel, at 7:30 o'clock, p. m.  
Charles F. Mills, Sec'y, Springfield, Ill.

## November 10, Thursday.

The American Shire Horse Association, at the Sherman House, at 7:00 o'clock p. m.  
Charles Burgess, Sec'y, Wenona, Ill.

## November 10, Thursday.

The Victoria Swine Breeders' Association, at the Sherman House, at 7:30 o'clock, p. m.  
Henry Davis, Sec'y, Dyer, Ind.

## November 10-12, Thursday, Friday and Saturday.

National Farmers' Congress, at Sherman House, Chicago, at 10 o'clock, a. m. B. F.  
Clayton, Sec'y, Macedonia, Iowa.

## November 11, Friday.

The American Hereford Cattle Breeders' Association, at the Leland Hotel, at 7 o'clock  
p. m. Charles Gudgell, Sec'y, Independence, Mo.

## November 11, Friday.

The American Essex Swine Breeders' Association, at the Sherman House, at 7:30  
o'clock p. m. T. W. Neeley, Prest., Ottawa, Ill.

## November 14, Monday.

The United States Veterinary Sanitary Association, at the Grand Pacific Hotel, at 2  
o'clock p. m. Paul Paquin, Sec'y, Columbus, Mo.

## November 15, Tuesday.

The American Aberdeen-Angus Breeders' Association, at the Leland Hotel, at 7 o'clock  
p. m. Charles Gudgell, Sec'y, Independence, Mo.

## November 15, Tuesday.

The American Oxford-Down Breeders' Association, at the Sherman House, at 7 o'clock  
p. m. T. W. W. Sunman, Sec'y, Spades, Ind.

## November 15, Tuesday.

The American Cotswold Association, at Sherman House, at 7:30 o'clock, p. m.  
George Harding, Secretary, Waukesha, Wis.

## November 15, Tuesday.

The American Percheron Horse Breeders' Association, at the Sherman House, at 8  
o'clock p. m. S. D. Thompson, Sec'y, Wayne, Ill.

## November 16, Wednesday.

The Red Polled Cattle Club of America, at the Grand Pacific Hotel, at 7 o'clock p. m.  
L. F. Ross, Pres't, Iowa City, Iowa.

## November 16, Wednesday.

The American Shropshire Registry Association at Sherman House, at 10 o'clock a. m.  
and 6 o'clock p. m. M. Levering, Secretary, LaFayette, Ind.

## November 16, Wednesday.

The American Short-Horn Breeders' Association, at the Grand Pacific Hotel, at 8 o'clock  
p. m. J. H. Pickrell, Sec'y, Chicago.

## November 16, Wednesday.

National Swine Growers' Association, at the Sherman House, at 10 o'clock a. m.  
P. M. Springer, Sec'y, Springfield, Ill.

## November 16, Wednesday.

The Western Circuit State Fairs, at the Sherman House, at 8 o'clock p. m. R. W. Furnas,  
Pres't, Brownville, Neb.

## November 16, Wednesday.

The Convention of Holstein-Friesian Breeders, at Grand Pacific Hotel, at 3 o'clock p. m.  
T. B. Wales, Sec'y, Iowa City, Iowa.

## November 17, Thursday.

The Illinois Short-Horn Breeders' Association, at the Grand Pacific Hotel, at 8 o'clock  
p. m. A. B. Hostetter, Sec'y, Mt. Carroll, Ill.

## November 17, Thursday.

The American Duroc Jersey Swine Breeders' Association, at the Grand Pacific Hotel,  
at 7 o'clock p. m. Charles H. Holmes, Sec'y, Grinnell, Iowa.

## November 17, Thursday.

The French Draft Horse Association, at the Sherman House, at 2 o'clock p. m. James  
T. Roney, Sec'y, Bloomington, Ill.

## November 17, Thursday.

The National Poland-China Association, at the Sherman House, at 10 o'clock a. m.  
W. W. McClung, Secretary, Waterloo, Iowa.

The National Wool-Growers' Association, at

Secretary.

# SPECIAL PREMIUMS

FOR THE

## AMERICAN FAT STOCK, DAIRY HORSE SHOWS FOR 1887.

The following prizes have been donated to encourage the exhibition, but have been designated by the Committee of the Board of Agriculture to the different breeds, except where noted.

### CLASS A—Cattle.

#### Lot 1—Short-Horn.

The American Short-Horn Breeders' Association offer to duplicate the following and any other premiums awarded pure bred Short-Horn Cattle exhibited at the Tenth American Fat Stock Show:

Best Steer or Spayed Cow 3 and under	
4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 2 and under	
3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 1 and under	
2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer under 1 year	30 00
Second best.....	20 00
Third best.....	10 00

#### SHORT-HORN HERD.

Best Herd, to consist of Steer or Spayed Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.....	\$100 00
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#### SWEEPSTAKES.

Best animal shown in Lot 1, Short-Horn..	\$75 00
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The Michigan Short-Horn Cattle Breeders' Association will duplicate all premiums awarded pure bred Short-Horn Cattle, bred and owned in Michigan, exhibited at the Tenth American Fat Stock Show. The owner to be a member of this Association previous to time of award.

#### Lot 2—Hereford.

The American Hereford Cattle Breeders' Association offers the following premiums for pure bred Herefords exhibited at the Tenth American Fat Stock Show:

Best Steer or Spayed Cow 3 and under	
4 years.....	\$75 00
Best Steer or Spayed Heifer 2 and under	
3 years.....	75 00
Best Steer or Spayed Heifer 1 and under	
2 years.....	75 00
Best Steer or Spayed Heifer under 1 year	75 00

#### HEREFORD HERD.

Best Herd, to consist of Steer or Spayed	
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Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.....	\$150 00
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#### SWEEPSTAKES.

Best animal shown in Lot 2, Hereford...	\$100 00
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Best pure bred Hereford Steer, 3 and under 4 years old, the David Bradley Manufacturing Company, 63 North Desplaines Street, Chicago, offer a Square Corner Gang Plow, value, \$95.00.

Best pure bred Hereford Steer or spayed Heifer under 1 year old, L. A. Raven & Co., 1425 State St., Chicago, offer Raven's Horse, Cattle and Poultry Food, to the value of \$5.00.



## PREMIUM LIST.

## Lot 4—Aberdeen-Angus.

The American Aberdeen-Angus Association offers the following premiums for pure bred Aberdeen-Angus Cattle, exhibited at the Tenth American Fat Stock Show:

Best Steer or Spayed Cow 3 and under 4 years.....	\$75 00
Best Steer or Spayed Heifer 2 and under 3 years.....	75 00
Best Steer or Spayed Heifer 1 and under 2 years.....	75 00
Best Steer or Spayed Heifer under 1 year.	75 00

## ABERDEEN-ANGUS HERD.

Best Herd, to consist of Steer or Spayed

Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.....\$100 00

## SWEEPSTAKES.

Best animal shown in Lot 4—Aberdeen-Angus.....\$100 00

## Lot 5—Holstein-Friesian.

The Holstein-Friesian Association of America offers to duplicate the following and any other premiums awarded pure bred Holstein-Friesian Cattle exhibited at the Tenth American Fat Stock Show:

Best Steer or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer under 1 year	30 00
Second best.....	20 00
Third best.....	10 00

## HOLSTEIN-FRIESIAN HERD.

Best Herd, to consist of Steer or Spayed Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.....\$100 00

## SWEEPSTAKES.

Best animal shown in Lot 5, Holstein-Friesian.....\$75 00

## Lot 7—Grades and Crosses.

The Michigan Short-Horn Cattle Breeders' Association will duplicate all premiums awarded at the Tenth American Fat Stock Show to Grade Short-Horn Cattle, sired by a Short-Horn, bred and owned in Michigan. The owner to be a member of this Association previous to the award.

The American Hereford Cattle Breeders' Association will add to all premiums won at the Tenth American Fat Stock Show by grades, sired by registered Hereford Bull, the following amounts.

Best Steer or Spayed Cow 3 and under 4 years.....	\$50 00
Best Steer or Spayed Heifer 2 and under 3 years.....	50 00
Best Steer or Spayed Heifer 1 and under 2 years.....	50 00
Best Steer or Spayed Heifer under 1 year old .....	50 00

## GRADE HERD.

Best Herd Grades and Crosses, to consist of Steer or Spayed Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old....\$100 00

## SWEEPSTAKES.

Best animal shown in Lot 7—Grades and Crosses.....\$75 00

The American Aberdeen-Angus Association will add to all premiums won at the Tenth American Fat Stock Show by grades, sired by registered Aberdeen-Angus Bull, the following amounts:

Best Steer or Spayed Cow, 3 and under 4 years .....	\$50 00
Best Steer or Spayed Heifer, 2 and under 3 years .....	50 00
Best Steer or Spayed Heifer, 1 and under 2 years.....	50 00
Best Steer or Spayed Heifer, under 1 year	50 00

## GRADE HERD.

Best herd Grades and Crosses, to consist of Steer or Spayed Cow, 3 and under 4 years, Steer and Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year .....\$75 00

## SWEEPSTAKES.

Best animal shown in Lot 7, Grades and Crosses .....\$75 00

## Lot 9—All Breeds and Grades by Ages.

Best Steer or Spayed Cow, 3 and under 4 years of age, Eureka Mower Co., Utica, N. Y., offers a seven foot Eureka Mower, value ..... \$100 00



## FAT STOCK SHOW.

## Lot 10—Sweepstakes.

Best Short-Horn on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	\$ 50 00
Best Short-Horn on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Short-Horn on exhibition, R. B. Crouch & Co., corner of Randolph and Market Streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
Best animal shown in lot 1, Shorthorns, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value.....	5 00
Best Hereford on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago offer cash.....	50 00
Best Hereford on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Hereford on exhibition, R. B. Crouch & Co., corner of Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
Best animal shown in lot 2, Herefords, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value.....	5 00
Best Devon on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	50 00
Best Devon on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Devon on exhibition, R. B. Crouch & Co., corner Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
Best animal shown in lot 3, Devons, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value.....	5 00
Best Aberdeen-Angus on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	50 00
Best Aberdeen-Angus on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Aberdeen-Angus on exhibition, R. B. Crouch & Co., corner Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
Best animal shown in lot 4, Aberdeen-Angus, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value.....	5 00
Best Holstein-Friesian on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	50 00
Best Holstein-Friesian on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Holstein-Friesian on exhibition, R. B. Crouch & Co., corner Randolph and Market streets Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
Best Other Beef Breeds on exhibition, R. B. Crouch & Co., corner Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
Best Grade and Cross on exhibition, Marshall Field & Co., Wholesale Dry Goods, Chicago, offer cash.....	50 00
Best Grade and Cross on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offers Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Grade or Cross on exhibition, R. B. Crouch & Co., corner Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
Best animal shown in lot 7, Grades and Crosses, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value.....	5 00
Best Range Cattle on exhibition, R. B. Crouch & Co., corner Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00

## Lot 11—Grand Sweepstakes.

Best Steer, Spayed Cow or Heifer in the Show, bred and raised by the exhibitor, J. H. Sanders Publishing Co., Chicago, offers the <i>Breeder's Gazette</i> Gold Challenge Shield valued at.....	\$125 00
This medal to be won two years in succession or any three years by the same person before it becomes his absolute property.	
The American Hereford Cattle Breeders Association offers for the best Steer, Spayed Cow or Heifer in the Show, if such animal be a Pure Bred Hereford.....	\$300 00
If won by a Grade Hereford, sired by a registered Hereford bull.....	250 00
The American Aberdeen-Angus Association offers for the best Steer, Spayed Cow or Heifer in the Show, if such animal be a pure bred Aberdeen-Angus.....	200 00
If won by a Grade Aberdeen-Angus sired by a registered Aberdeen-Angus bull.....	150 00
Best Steer, Spayed Cow or Heifer in the Show, E. W. Blatchford & Co., 70 N. Clinton street, Chicago, offer 500 pounds Blatchford's Royal Stock Food Cattle Cake, value.....	7 75
Best Steer, Spayed Cow or Heifer in the Show, Schuttler & Hotz, Chicago, offer one stock-raisers' two-horse Passenger Wagon, complete; with box resting on four of their Improved Inverted Half-Springs, and fitted with three cushioned Spring Seats—two of them with upholstered lazy-backs—with ornamental bent dash, whip-socket, steps, etc. Value.....	110 00

## Lot 13—Sweepstakes Herd.

The American Hereford Cattle Breeders' Association offers for the best Herd in the Show, provided such Herd contains only pure bred Hereford cattle.....	\$500 00
If won by a herd of Grade Herefords, sired by registered Herefords.....	300 00
The American Aberdeen-Angus Association offers for the best Herd in the Show, provided such herd contains only pure bred Aberdeen-Angus cattle.....	300 00
If won by grade Aberdeen-Angus, sired by registered Aberdeen-Angus bulls.....	200 00
Best Herd in the Show, E. W. Blatchford & Co., Chicago, offer 500 pounds Blatchford's Calf Rearing Meal, valued at.....	8 00
Best Herd in the Show, Fairbanks, Morse & Co., Chicago, offer a No. 2 Decatur Tank Heater, value.....	20 00
Best Herd in the Show, Goulds & Austin, Chicago, offer a 13 A, Ross Cutter, value.....	65 00
Best Herd in the Show, the Challenge Wind Mill and Feed Mill Company, Batavia, Ill., offers a 10 foot Wind Mill, value.....	



## PREMIUM LIST.

**Lot 14—Dressed Carcass.**

The American Hereford Cattle Breeders' Association will add to the carcass prizes named below, providing they are won by pure bred Herefords, the following amounts:

Best Carcass Steer or Spayed Cow, 3 and under 4 years.....	\$ 75 00
Best Carcass Steer or Spayed Heifer, 2 and under 3 years .....	75 00
Best Carcass Steer or Spayed Heifer, 1 and under 2 years .....	75 00

If carcass prizes are won by grades sired by a registered Hereford, the Association will add the following amounts:

Best Carcass Steer or Spayed Cow, 3 and under 4 years .....	\$ 50 00
Best Carcass Steer or Spayed Heifer, 2 and under 3 years.....	50 00
Best Carcass Steer or Spayed Heifer, 1 and under 2 years.....	50 00

The American Aberdeen-Angus Association will add to the carcass prizes named below, providing they are won by pure bred Aberdeen-Angus cattle the following amounts:

Best Carcass Steer or Spayed Cow, 3 and under 4 years .....	\$ 75 00
Best Carcass Steer or Spayed Heifer 2 and under 3 years,...	75 00
Best Carcass Steer or Spayed Heifer 1 and under 2 years,.....	75 00

If carcass prizes are won by grades sired by a registered Aberdeen-Angus, the Association will add the following amounts:

Best Carcass Steer or Spayed Cow, 3 and under 4 years .....	\$ 50 00
Best Carcass Steer or Spayed Heifer, 2 and under 3 years .....	50 00
Best Carcass Steer or Spayed Heifer, 1 and under 2 years .....	50 00

**Lot 15—Dressed Carcass—Sweepstakes.**

The American Hereford Breeders' Association will pay for best Carcass Steer or Spayed Heifer of any age, if prize is awarded to a pure bred Hereford .....	\$300 00
If won by a Grade sired by a registered Hereford.....	250 00
The American Aberdeen-Angus Association will pay for best Carcass Steer or Spayed Heifer of any age, if prize is awarded to a pure bred Aberdeen-Angus.....	200 00
If won by a Grade sired by a registered Aberdeen-Angus.....	150 00
Best Carcass of Steer or Spayed Heifer of any age, Fairbanks, Morse & Co., Chicago, offer one four-ton scale, with double beam and weigh box, valued at.....	180 00

**CLASS B—Horses.****Lot 19—Roadsters.**

Best Roadster Stallion 2 and under 3 years of age, shown to bridle, J. H. Fenton, importer and manufacturer of fine horse goods, 211 and 213 Wabash avenue, Chicago, offers a cash prize of.....	\$25 00
The committee in making the award will consider breeding, beauty and gait.	

**Lot 20—Cleveland Bay.**

The American Cleveland Bay Horse Association provides the following premiums to be awarded at the American Horse Show. Entries to be made in compliance with the rules of the Cleveland Bay Horse Association.

Best Stallion, 4 years old or over.....	\$50 00	Third best .....	\$15 00
Second best.....	25 00	Fourth best.....	10 00
Third best.....	15 00	Best Mare, 3 years old and under 4 .....	50 00
Fourth best.....	10 00	Second best.....	25 00
Best Stallion, 3 years old and under 4... ..	50 00	Third best.....	15 00
Second best.....	25 00	Fourth best.....	10 00
Third best.....	15 00	Best pair Mares any age.....	50 00
Fourth best.....	10 00	Second best.....	25 00
Best Mare, 4 years old or over .....	50 00	Third best.....	15 00
Second best.....	25 00	Fourth best.....	10 00
Best Stallion 4 years old or over, R. B. Crouch & Co., Randolph and Market streets, offer 500 pounds Rock Lump Salt, value.....			5 00
Best Cleveland Bay Stallion 4 years old or over, the Abbott Buggy Company, 371 Wabash avenue, Chicago, offer a Swell Cutter, value.....			50 00
Best mare 4 years old or over, the Chicago Harness Co., 375 Wabash avenue, Chicago, offer set of buggy harness, value.....			50 00

**Lot 24—Equestrianism.**

Best Gentleman Rider, C. D. Peacock, 96 and 98 State street, Chicago, offers a Gentleman's Horseshoe Scarf Pin, studded with diamonds, value.....	\$25 00
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**Lot 28—French Draft.**

Best French Draft Stallion (other than Percheron), 4 years old or over, The Appleton Manufacturing Company, 22 South Canal street, Chicago, offers the Smalley Feed Cutter and Carrier complete, value.....	\$ 115 00
Best Stallion 4 years old or over R. B. Crouch & Co., Randolph and Market streets, Chicago offer 500 pounds Rock Lump Salt, value.....	5 00
Best Mare 4 years old or over, Dr. Cregar, Chicago, offers Cregar's Stock Cake. value.....	5 00

**Lot 29—Percheron.**

The Societe Hippique Percheronne de France offers the following premiums:

Best Percheron Stallion and five of his get—Gold Medal.	
Best Percheron Mare and two of her colts—Gold Medal.	
Best Stallion 4 years old or over, R. B. Crouch & Co., Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	\$ 5 00
Best mare 4 years old or over, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value.....	5 00

**Lot 30—Belgians.**

Best mare 4 years old or over, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value.....	5 00
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**Lot 31—Clydesdale.**

Best Stallion 4 years old or over, R. B. Crouch & Co., Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	\$ 5 00
Best Stallion 4 years old or over, Goulds & Austin, 167 Lake street, Chicago, offer a Ross Feed Cutter, value.....	
Best mare 4 years old or over, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value.....	5 00

**Lot 32—English Shire.**

Best Stallion 4 years old or over, the Challenge Wind Mill and Feed Mill Company, Batavia, Ill., offer a Feed Grinder, value.....	\$
Best Stallion 4 years old or over, R. B. Crouch & Co., Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
Best mare 4 years old or over, Dr. Cregar, Chicago, offers Cregar's Stock Cake, value ....	5 00

**Draft Stallion.**

Draft Stallion, any breed, J. H. Fenton, importer and manufacturer of fine horse goods, 211 and 213 Wabash avenue, Chicago, offers for the best recorded, first-prize Draft Stallion, 4 years old or over, a roller, roller-cloth, silver mounted bridle and lead bar, value .....	\$40 00
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**CLASS C—Sheep.****Lot 35—Shropshire.**

The American Shropshire Register Association offer the following premiums to be awarded Shropshire Sheep, exhibited at the Tenth American Fat Stock Show; all sheep competing *must* be registered in the American Shropshire Register Association Record.

Best Wether, over 2 years old.....	\$25 00	Third best.....	\$10 00
Second best.....	15 00	Best Wether, under 1 year.....	25 00
Third best.....	10 00	Second best.....	15 00
Best Wether, 1 and under 2 years.....	25 00	Third best.....	10 00
Second best.....	15 00		

**Lot 42—Sweepstakes.**

Best Southdown on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of .....	\$ 5 00
Best Shropshire on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of .....	5 00
Best Hampshire on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of .....	5 00
Best Oxford on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of .....	5 00
Best Cotswold on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of .....	5 00
Best Leicester on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of .....	5 00
Best Lincoln on exhibition, L. A. Raven & Co., 1425 State Street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of .....	5 00
Best Cross-bred Wether on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of .....	5 00

**Lot 43—Grand Sweepstaes.**

Best Wether in the Show, Marshall Field & Co., Chicago, offer cash .....	\$50 00
Best Wether in the Show, R. B. Crouch & Co., Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00

**Lot 45—Sweepstakes Pen.**

Best Pen Wethers in the Show, E. W. Blatchford & Co., Chicago, offer 500 pounds Blatchford's Royal Stock Food Cattle Cake, value .....	\$ 7 75
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**Lot 48—Dressed Carcass — Sweepstakes.**

Best Carcass Wether, any age, Marshall Field & Co., Chicago, offer cash. ....	50 00
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## CLASS D—Swine.

### Lot 60—All Breeds and Grades by Ages.

Best Barrow 12 and under 18 months old, Marshall Field & Co. Chicago, offer cash.....	\$50 00
Best Barrow 6 and under 12 months old, Marshall Field & Co., Chicago, offer cash.....	50 00

### Lot 61—Sweepstakes.

Best Berkshire on exhibition, L. A. Raven & Co, 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	\$ 5 00
Best Poland-China on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Chester White on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Essex on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Duroc Jersey Red on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Yorkshire on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Suffolk on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse Cattle and Poultry Food to the value of.....	5 00
Best Victoria on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00
Best Grade or Cross-bred Barrow on exhibition, L. A. Raven & Co., 1425 State street, Chicago, offer Raven's Horse, Cattle and Poultry Food to the value of.....	5 00

### Lot 62—Grand Sweepstakes.

Best Barrow in the Show, Rice & Whitacre Mfg. Co., 42 and 44 West Monroc street, Chicago, offer a No. 1 Triumph Steam Generator, value.....	\$50 00
Best Barrow in the Show, R. B. Crouch & Co., Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00

### Lot 65—Sweepstakes Pen.

Best Pen Barrows in the Show, E. W. Blatchford & Co., Chicago, offer 500 pounds Blatchford's Royal Stock Food Cattle Cake, value.....	\$7 75
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## CLASS E—Poultry.

S. S. Myers offers to the person shipping fowls the greatest distance to the American Poultry Show twenty pound box Chick-Chick-er-re-kee, the only patented egg food of its kind, F. O. B. at Philadelphia, Pa.; to make hens lay and prevent Gapes, Roup and Cholera,

Also for heaviest dozen chicken eggs, twenty pound box Chick-Chick-er-re-kee, the only patented egg food of its kind, F. O. B. at Philadelphia, Pa.; to make hens lay and prevent Gapes, Roup and Cholera.

Also for best display of turkeys, twenty pound box Chick-Chick-er-re-kee, F. O. B. at Philadelphia, Pa.; the only patented egg food of its kind to make hens lay and prevent Gapes, Roup and Cholera. Will ship to the parties upon notification from your association. I also offer to your association one case containing one dozen boxes, six pounds each, to be fed to the poultry and pigeons at your show, to prevent disease and increase egg production. F. O. B. at Philadelphia, Pa., if you will report results.

Yours respectfully,

S. S. MYERS.

## CLASS N—Dairy.

### Lots 92 to 98 inclusive.

Best Dairy Butter—Nos. 582, 585, 588, 591, 594, 597 and 600, Warsaw Salt Co., Warsaw, N. Y., offer each four sacks, 56 pounds, High Grade Dairy Salt, value 65c. per sack.....	\$ 18 20
Best Creamery Butter—Nos. 583, 584, 586, 587, 589, 590, 592, 593, 595, 596, 598, 599, 601, 602, 624, 626, 627 and 628, Warsaw Salt Co., Warsaw, N. Y., offer each two sacks, 224 pounds, High Grade Dairy Salt, value \$2 50 per sack.....	90 00

### Lot 99—Sweepstakes.

Best Dairy Butter, A. H. Blackall & Son, Importers and Dealers in Coffees, Teas and Spices, 178 State street, and 172 West Madison street, Chicago, offer a Caddy of Tea, value.....	\$15 00
Best Dairy Butter, Vermont Farm Machine Co., Bellows Falls, Vt., offers No. 2 Skinner Butter Worker, value.....	8 00
Best Dairy Butter, Chr. Hansen's Laboratory, Little Falls, N. Y. and 17 Dearborn St., Chicago, offers one gallon Hansen's Danish Butter Color, value.....	2 90
Best Dairy Butter, Goulds & Austin, Chicago, offer one 14 A, Ross Cutter, value.....	90 00
Best Creamery Butter (gathered cream), Chr. Hansen's Laboratory, Little Falls, N. Y. and 17 Dearborn St., Chicago, offers five gallons Hansen's Danish Butter Color, value.....	13 25
Best Creamery Butter (whole milk), The Creamery Package Manufacturing Company offer one hundred and fifty Butter Tubs, value.....	45 00

### Lot 100—Grand Sweepstakes—Butter.

Best Butter in the Show, The Belle City Manufacturing Company, Racine, Wis., offer a No. 4 Feed Cutter, value.....	35 00
Best Butter in the Show, E. W. Blatchford & Co., Chicago, offer 500 pounds Blatchford's Royal Stock Food Cattle Cake, value.....	\$ 7 75
Best Butter in the Show, R. B. Crouch & Co., Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	\$ 5 00
Best Butter in the Show, Messrs. Borden, Selleck & Co., 48 Lake street, Chicago, offer How Creamery Scale, value.....	26 00
The Scale is furnished with a galvanized iron pan and arm.	

### Lot 102—Sweepstakes.

Best Print Butter in the Show, W. R. Fowler, La Fayette, Ind., offers a Polar Creamery, Family size, value.....	\$86 00
Best Print Butter, Vermont Farm Machine Co., Bellows Falls, Vt., offers No. 2 Davis Swing Churn, value .....	8 00

### Lot 104—Sweepstakes.

Best Butter made from milk of one cow, W. R. Fowler, La Fayette, Ind., offers a Polar Creamery, Dairy size, value.....	\$44 00
Best Butter from milk of one cow, Warsaw Salt Company, Warsaw, N. Y., offer three sacks, 224 pounds, High Grade Dairy Salt, value \$2 50 per sack.....	7 50

### Lot 105—Miscellaneous.

Best Novel Design made of Butter, Warsaw Salt Company, Warsaw, N. Y., offer four sacks, 224 pounds, High Grade Dairy Salt, value \$2 50 per sack.....	10 00
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### Lots 106 to 112 inclusive.

Best Cheese in Premium Nos. 629 to 656 inclusive, Warsaw Salt Company, Warsaw, N. Y., offer each number, one barrel, 280 pounds, High Grade Cheese Salt, value \$2 50 per barrel.....	70 00
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### Lot 113—Sweepstakes.

Best Full Cream Cheese, Chr. Hansen's Laboratory, Little Falls, N. Y., and 17 Dearborn St., Chicago, offers one box Hansen's Rennet Tablets and one-half gallon Hansen's Cheese Color, value .....	\$ 2 00
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### Lot 114—Grand Sweepstakes—Cheese.

Best Cheese in the Show, J. C. Vaughan, Seedsman, 42 LaSalle street and 146-148 Washington street, Chicago, offers No. 2 New England Root Cutter, value .....	\$14 00
Best Cheese in the Show, Chr. Hansen's Laboratory, Little Falls, N. Y. and 17 Dearborn St., Chicago, offers four gallons Hansen's Rennet Extract and two gallons Hansen's Cheese Color, value .....	9 80

The Holstein-Friesian Association of America will duplicate all premiums awarded at the Third American Dairy Show, to butter and cheese made from the milk of registered Holstein-Friesian cows.

Best Cheese in the Show, R. B. Crouch & Co., Randolph and Market streets, Chicago, offer 500 pounds Rock Lump Salt, value.....	5 00
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# CATALOGUE OF ENTRIES

## CLASS A--CATTLE.

LA FAYETTE FUNK, SUPERINTENDENT.

### Lot 1—Short Horn.

Age 3 and under 4 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 8, 1887.	Name of Animal.
Sept. 10, 1884	J. J. Hill.....	1155	Prentice.
June 1, 1884	J. W. Pickett.....	1256	Good Luck.
Dec. 16, 1883	C. S. Barclay.....	1423	Brampton.
Feb. 12, 1884	John B. Sherman.....	1366	Blanchard.

### Age 2 and under 3 Years.

July 15, 1885	B. Waddell.....	847	Charley.
Feb. 27, 1885	J. H. Potts & Son.....	957	Rochester.
May 12, 1885	do do.....	911	Red Prince.
Mar. 18, 1885	J. R. Peak & Son.....	966	Ashbrook.
Jan. 10, 1885	J. W. Pickett.....	933	Challenger.
Mar. 2, 1885	do.....	983	Clarendon.
April 16, 1885	do.....	937	Experiment.
April 1, 1885	C. S. Barclay.....	952	Wellington.
Nov. 29, 1884	W. S. White.....	1075	Waterlad.
June 13, 1885	William Moffatt & Bro.....	879	Sir Knight.
Sept. 26, 1885	do do.....	774	Cruickshank 2d.
Dec. 3, 1884	John B. Sherman.....	1071	Breastplate.

### Age 1 and under 2 Years.

Dec. 3, 1885	E. T. Doney.....	706	Ben.
Dec. 3, 1885	F. W. Greene.....	706	Luce.
Jan. 25, 1886	J. J. Hill.....	653	Goldfinder.
Nov. 22, 1885	W. H. Renick.....	717	Col. Moberly.
Jan. 25, 1886	do.....	653	Baby Bunting.
Dec. 25, 1885	C. C. Blish & Son.....	684	Harry.
Dec. 25, 1885	B. Waddell.....	684	Buck.
Sept. 10, 1886	do.....	425	Billy.
Mar. 30, 1886	J. H. Potts & Son.....	589	Richmond.
Oct. 28, 1886	do do.....	377	Roan Gauntlet.
Jan. 10, 1886	J. R. Peak & Son.....	668	Baron Von Tromp.
Jan. 2, 1886	do do.....	678	Morse.
Mar. 23, 1886	N. P. Clark.....	596	Commander Farragut.
Mar. 3, 1886	C. S. Barclay.....	616	Commander.
Dec. 20, 1885	William Moffatt & Bro.....	689	Cruickshank.
Jan. 24, 1886	do do.....	654	Cambridge.

### Age under 1 Year.

Nov. 22, 1886	George Elliott.....	352	Girdle.
Nov. 21, 1886	C. C. Blish & Son.....	353	Mark.
May 1, 1887	B. Waddell.....	192	Ohio Belle. [4th
Nov. 16, 1886	N. P. Clark.....	358	Lad of Meadow Lawn
Nov. 28, 1886	J. W. Pickett.....	345	Clarendon 2d.
Mar. 1, 1887	C. S. Barclay.....	253	Wapsie.

## CATTLE—CLASS A—CONTINUED.

## Lot 2—Hereford.

## Age 3 and under 4 Years.

## Age 2 and under 3 Years.

April	2,	1885	Fowler & Van Natta.....	951	Donald.
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## Age 1 and under 2 Years.

Jan.	9,	1886	Earl Adams.....	669	Earl of Shadeland 16th.
Dec.	30,	1885	G. W. Henry.....	679	Royal's Royalty.
Dec.	26,	1885	Iowa Hereford Cattle Co.....	683	Barabas.
Dec.	25,	1885	B. Waddell .....	684	Christmas Gift.
Nov.	13,	1885	Wyoming Hereford Association.....	726	Master.

## Age under 1 Year.

Dec.	10,	1886	C. M. Culbertson.....	334	Star Wilton 16th
Dec.	13,	1886	Fowler & Van Natta.....	331	Punch.
Nov.	25,	1886	F. W. Smith.....	349	McClenney.
Jan.	15,	1887	Iowa Hereford Cattle Co .....	298	Rudolph Wilton.
Dec.	15,	1886	Tom C. Ponting.....	329	Sam'l Weaver.

## Lot 3—Devon.

## Age 3 and under 4 Years.

May	1,	1884	E. T. Doney.....	1287	Charley.
Feb.	3,	1884	J. W. Morse & Son.....	1375	Morsel.

## Age 2 and under 3 Years.

Jan.	27,	1885	J. W. Morse & Son.....	1016	Juicy.
Jan.	23,	1885	Wm. Younger.....	1020	Beefy.
Feb.	4,	1885	do .....	1008	Choice.

## Age 1 and under 2 Years.

April	28,	1886	J. W. Morse & Son.....	560	New Era.
May	2,	1886	Wm. Younger.....	556	Mills.
Mar.	2,	1886	B. Waddell.....	617	Bobby.

## Age under 1 Year.

May	6,	1887	J. W. Morse & Son.....	187	Chicago Boy.
April	20,	1887	B. Waddell.....	203	Brass.

## Lot 4—Aberdeen-Angus.

## Age 3 and under 4 Years.

Jan.	15,	1884	J. J. Hill.....	1394	Stevenson.
Mar.	29,	1884	T. W. Harvey.....	1322	Sandy.

## Age 2 and under 3 Years.

Nov.	11,	1884	Anderson & Findlay.....	1093	Wilfried.
Nov.	29,	1884	T. W. Harvey.....	1075	Bl. Pr. of Turlington.
Feb.	10,	1885	do .....	1002	Pontiff.

## Age 1 and under 2 Years.

Dec.	17,	1885	J. J. Hill.....	692	Monroe.
Jan.	25,	1886	do .....	653	Nomad.
Feb.	1,	1886	do .....	646	Boxton.
July	3,	1886	Estill Bros .....	494	Dot.
July	3,	1886	do .....	494	Dorothy.
Dec.	22,	1885	T. W. Harvey.....	687	Tam O'Shanter.



## CATTLE—CLASS A—CONTINUED.

## Age under 1 Year.

Dec. 17, 1886 T. W. Harvey..... 327 Alexandra Knight.

## Lot 6—Other Beef Breeds.

## Age 3 and under 4 Years.

Date of Birth.	EXHIBITOR	Age in days Nov. 8, 1887.	Name of Animal.	Breed.
Jan. 17, 1884	E. & H. Stanford.....	1392	Speculation.	Sussex.
Jan. 21, 1884	Lea Overton.....	1388	Robertson....	do

## Age 2 and under 3 Years.

## Age 1 and under 2 Years.

Dec. 2, 1885 Lea Overton..... 707 Rover..... Sussex.

## Age under 1 Year.

Nov. 19, 1886 Lea Overton..... 355 Letham..... Sussex.

## Lot 7—Grades and Crosses.

## Age 3 and under 4 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 8, 1887.	Name of animal.	Breed.
April 15, 1884	Earl Adams.....	1303	Sir Bartle 3d..	$\frac{1}{2}$ Hereford. $\frac{1}{2}$ Shorthorn.
May 23, 1884	do .....	1265	do 5th	$\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native
July 27, 1884	J. N. Cline.....	1208	Roan Dick.....	15-16 Shorthorn.
Sept. 29, 1884	do .....	1186	Good Boy.. ....	do
Jan. 6, 1884	C. M. Culbertson.....	1403	Falstaff.....	$\frac{3}{4}$ Hereford.
April 15, 1884	do .....	1303	Bardolph.....	$\frac{1}{4}$ Native.
Mar. 20, 1884	do .....	1329	Peto.....	$\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native.
May 5, 1884	do .....	1283	Goggles.....	do
Jan. 27, 1884	J. A. Funkhouser.....	1382	Red Maple.....	Shorthorn.
Aug. 12, 1884	W. H. Renick.....	1184	Wild Bill.....	Native.
July 15, 1884	Fowler & Van Natta.....	1212	Price.....	$\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Jan. 3, 1884	D. M. Moninger.....	1406	Stevens .....	$\frac{1}{8}$ Native.
Nov. 23, 1884	do .....	1447	Livingston.....	31-32 Shorthorn.
Feb. 13, 1884	do .....	1365	Larabee.....	1-32 Native.
June 5, 1884	J. R. Peak & Son.....	1252	Grover .....	do
July 15, 1884	I. H. Norris & Son.....	1213	Mike.....	$\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.
July 15, 1884	do .....	1213	John.....	$\frac{1}{2}$ Galloway.
July 15, 1884	do .....	1213	Joe.....	do
July 15, 1884	do .....	1213	Tom.....	do
Sept. 15, 1884	do .....	1151	Pete.....	do
Sept. 27, 1884	Thomas Clark.....	1138	Edward.....	$\frac{3}{4}$ Hereford. $\frac{1}{4}$ Native.
Nov. 25, 1883	John B. Sherman.....	1445	Tabor.....	$\frac{7}{8}$ Hereford. $\frac{1}{8}$ Native.

## CATTLE—CLASS A—CONTINUED.

## Age 2 and under 3 Years.

Dec. 15, 1884	Earl Adams.....	1059	Sir Bartle 6th..	$\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native.
April 4, 1885	J. N. Cline.....	949	Red Jacket.....	$\frac{1}{2}$ 15-16 Shorthorn. $\frac{1}{4}$ 1-16 Native.
June 10, 1885	George Elliott.....	882	Great Britain.	do
June 15, 1885	John Hudson.....	877	Andy.....	$\frac{1}{2}$ Hereford. $\frac{1}{4}$ Devon. $\frac{1}{4}$ Native.
Nov. 1, 1885	George Leigh & Co.....	738	Ruby.....	$\frac{3}{4}$ Hereford. $\frac{1}{4}$ Native.
Dec. 15, 1884	William Younger.....	1059	Red Oak.....	$\frac{1}{2}$ Devon. $\frac{1}{2}$ Native.
Feb. 28, 1885	J. J. Hill.....	989	Curry.....	$\frac{1}{2}$ Angus. $\frac{1}{2}$ Shorthorn.
Feb. 11, 1885	J. A. Funkhouser.....	1001	Cupid.....	$\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native.
Feb. 8, 1885	J. A. Funkhouser.....	1004	Clinton.....	$\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native.
Mar. 15, 1885	W. H. Renick.....	969	Goff.....	$\frac{1}{2}$ 31-32 Shorthorn. $\frac{1}{2}$ 1-32 Native.
Feb. 1, 1885	W. H. Renick.....	1011	Jacoby.....	$\frac{1}{2}$ 31-32 Shorthorn. $\frac{1}{2}$ 1-32 Native.
Feb. 11, 1885	Fowler & Van Natta.....	1001	Anxiety.....	$\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native.
May 1, 1885	B. S. Eldridge.....	922	Dick.....	$\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.
May 5, 1885	B. S. Eldridge.....	918	Dock.....	$\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Feb. 25, 1885	H. H. Clough.....	987	Dick Babbitt..	$\frac{7}{8}$ Hereford. $\frac{1}{8}$ Devon.
Jan. 25, 1885	George Leigh & Co.....	653	Dave.....	$\frac{1}{2}$ Hereford. $\frac{1}{2}$ Devon.
Mar. 15, 1885	Abraham Mann.....	969	Monarch.....	$\frac{1}{2}$ 15-16 Shorthorn. $\frac{1}{2}$ 1-16 Native.
Mar. 15, 1885	do do.....	969	Empire.....	do
June 15, 1885	do do.....	877	King.....	do
June 15, 1885	do do.....	877	Colonel.....	do
Jan. 23, 1885	D. M. Moninger.....	1020	Glick.....	$\frac{1}{2}$ 31-32 Shorthorn. $\frac{1}{2}$ 1-32 Native.
May 20, 1885	J. R. Peak & Son.....	903	Frisk.....	$\frac{1}{2}$ 15-16 Shorthorn. $\frac{1}{2}$ 1-16 Native.
June 17, 1885	do do.....	875	Frank.....	$\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Mar. 7, 1885	Hugh W. Elliott.....	977	Lance.....	Angus. Shorthorn.
April 10, 1885	do do.....	943	Jerome.....	$\frac{1}{2}$ Angus. $\frac{3}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Feb. 12, 1885	do do.....	1000	Peter of Grapewood.....	do
Feb. 17, 1885	Estill Bros.....	995	Felix.....	do
Mar. 2, 1885	Inter-State Galloway Cattle Co.....	982	Colonel.....	$\frac{1}{2}$ Galloway. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Texas.
April 1, 1885	do do do.....	952	General.....	$\frac{1}{2}$ Galloway. $\frac{3}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Dec. 1, 1884	George F. Davis & Co.....	1073	Captain.....	$\frac{1}{2}$ Jersey. $\frac{1}{2}$ Native.
May 30, 1885	W. S. White.....	893	Roan Commander...	$\frac{3}{4}$ Shorthorn. $\frac{1}{4}$ Native.
April 2, 1885	do.....	931	Seraphina of Oakland.....	do
April 27, 1885	J. C. Bertram.....	926	Victor.....	$\frac{1}{2}$ Hereford. $\frac{3}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Dec. 1, 1884	John B. Sherman.....	1073	I. X. L.....	$\frac{1}{2}$ 31-32 Shorthorn. $\frac{1}{2}$ 1-32 Native.



## CATTLE—CLASS A—CONTINUED.

Dec. 29, 1884	John B. Sherman.....	1045	Bob.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{2} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
April 29, 1885	do do .....	924	T. P.....	$\left\{ \begin{array}{l} \frac{3}{4} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \end{array} \right.$

## Age 1 and under 2 Years.

Feb. 17, 1886	Earl Adams.....	630	Exeter.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{2} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Dec. 23, 1885	G. W. Henry.....	686	Rosslands Improvement.	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{3}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
Dec. 3, 1885	do .....	706	Bourb. Prince.	do
Mar. 16, 1886	Geo. Leigh & Co.....	603	Pearl.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{2} \text{ Native.} \\ \frac{1}{2} \text{ Sussex.} \end{array} \right.$
Nov. 28, 1885	Wm. Younger.....	711	George.....	$\left\{ \begin{array}{l} 12-64 \text{ Devon.} \\ 7-64 \text{ Jersey.} \\ 13-64 \text{ Native.} \end{array} \right.$
Feb. 5, 1886	J. A. Funkhouser.....	642	Defiance.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ 7-16 \text{ Shorthorn.} \\ 1-16 \text{ Native.} \end{array} \right.$
Jan. 30, 1886	do .....	648	Portrait.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{2} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Mar. 1, 1886	W. H. Renick.....	618	Jones.....	$\left\{ \begin{array}{l} 15-16 \text{ Shorthorn.} \\ 1-16 \text{ Native.} \end{array} \right.$
Nov. 27, 1886	do .....	712	Bright Light..	$\left\{ \begin{array}{l} \frac{7}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
Dec. 5, 1885	Fowler & Van Natta.....	704	Sam Jones.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Oct. 16, 1886	S. S. Browns & Sons.....	389	Dr. Tanner.....	$\left\{ \begin{array}{l} 15-16 \text{ Shorthorn.} \\ 1-16 \text{ Native.} \end{array} \right.$
Aug. 20, 1886	J. S. Smith.....	446	Bates.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{1}{2} \text{ Shorthorn.} \end{array} \right.$
May 5, 1886	do .....	553	Sangamon.....	do
Aug. 28, 1886	do .....	438	Berlin.....	do
July 1, 1886	do .....	496	Springfield.....	do
July 21, 1886	do .....	476	Illinois .....	do
Sept. 12, 1886	do .....	423	Richland.....	do
Sept. 8, 1886	do .....	427	Alexander.....	do
Sept. 4, 1886	do .....	431	Sucker.....	do
April 20, 1886	do .....	568	Sidney.....	do
April 12, 1886	do .....	576	Johnston.....	do
Feb. 27, 1886	D. M. Moninger.....	620	Bob Burdette..	$\left\{ \begin{array}{l} 31-32 \text{ Shorthorn.} \\ 1-32 \text{ Native.} \end{array} \right.$
Mar. 5, 1886	J. H. Potts & Son.....	614	Red Duke.....	$\left\{ \begin{array}{l} \frac{7}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
Dec. 29, 1885	J. R. Peak & Son.....	680	Bird.....	$\left\{ \begin{array}{l} \frac{7}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
Feb. 23, 1886	do .....	624	Henry.....	$\left\{ \begin{array}{l} 15-16 \text{ Shorthorn.} \\ 1-16 \text{ Native.} \end{array} \right.$
Jan. 10, 1886	Wilkinson & Dutton.....	668	Fanny Field...	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Feb. 1, 1886	do .....	646	Alphonso.....	do
Feb. 1, 1886	Wilson Bros.....	646	Sidney.....	do
Feb. 26, 1886	Inter-State Gall. Cattle Co.....	621	Bonita.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Galloway.} \\ \frac{1}{2} \text{ Shorthorn.} \end{array} \right.$
May 29, 1886	Geo. F. Davis & Co.....	529	Butterfly.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Shorthorn.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Sept. 20, 1886	Lea Overton.....	415	Willis.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Sussex.} \\ 7-16 \text{ Shorthorn.} \\ 1-16 \text{ Native.} \end{array} \right.$
Nov. 1, 1886	do .....	373	Stephen.....	do
May 3, 1886	T. W. Harvey.....	555	Pistole.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Mar. 26, 1886	Wm. Moffatt & Bro.....	593	New Style.....	$\left\{ \begin{array}{l} 15-16 \text{ Shorthorn.} \\ 1-16 \text{ Native.} \end{array} \right.$
Nov. 25, 1885	Jno. B. Sherman.....	714	Eclipse.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Nov. 23, 1885	do .....	716	Export.....	$\left\{ \begin{array}{l} \frac{3}{4} \text{ Hereford.} \\ \frac{1}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$

## CATTLE—CLASS A —CONTINUED.

## Age under 1 Year.

Jan. 29, 1887	Earl Adams.....	284	Ensign.....	{ 14-16 Hereford. 1-16 Shorthorn. 1-16 Native.
Jan. 30, 1887	do .....	.....	Elder.....	do
Dec. 28, 1886	J. A. Funkhouser.....	316	Granite.....	{ $\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native.
Jan. 15, 1886	do .....	298	Lithograph.....	do
Dec. 9, 1886	Fowler & Van Natta.....	335	Samson.....	do
Jan. 1, 1887	D. M. Moninger .....	312	Bob, Jr.....	{ 31-32 Shorthorn. 1-32 Native.
Nov. 23, 1886	J. R. Peak & Son.....	351	Pioneer.....	{ 15-16 Shorthorn. 1-16 Native.
Dec. 22, 1886	Hugh W. Elliott.....	322	Jester.....	{ $\frac{3}{4}$ Angus. $\frac{1}{4}$ Shorthorn.
Dec. 3, 1886	Estill Bros.....	341	Jack Frost .....	{ $\frac{1}{2}$ Angus. $\frac{3}{8}$ Shorthorn. $\frac{1}{8}$ Native.
May 6, 1887	Geo. F. Davis & Co.....	187	Roger.....	{ $\frac{1}{2}$ Jersey. $\frac{1}{2}$ Native.
Mar. 1, 1887	S. H. Todd.....	253	Cyclone.....	{ $\frac{3}{4}$ Hereford. $\frac{1}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Mar. 29, 1886	Wm. Moffatt & Bro.....	590	Latest Style.....	{ $\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Nov. 23, 1886	Jno. B. Sherman.....	351	Grandee.....	{ $\frac{3}{4}$ Hereford. $\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.

## Lot 8—Range Cattle.

## Age 3 and under 4 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 8, 1887.	Weight Nov. 8, 1887.	Name of Animal.
1884	J. S. Smith & Co.....	.....	.....	Montana.
1884	do .....	.....	.....	Sturgis.

## Age 2 and under 3 Years.

1885	J. S. Smith & Co.....	.....	.....	Custer.
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## Age 1 and under 2 Years.

1886	J. S. Smith & Co.....	.....	.....	Miles.
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## Age under 1 Year.

1887	J. S. Smith & Co.....	.....	.....	Keogh.
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## Lot 12—Herds.

Date of Birth.	EXHIBITOR.	Age in days Nov. 8, 1887.	Name of Animal.	Breed.
.....	J. W. Pickett, Plattsburg, Mo.....	.....	Good Luck.....	.....
.....	do do .....	.....	Baby Mine.....	.....
.....	do do .....	.....	Clarendon.....	.....
.....	do do .....	.....	Clarendon 2d... ..	.....

## Devon Herd.

Feb. 3, 1884	J. W. Morse & Son, Verona, Wis.....	1375	Morsel.....	.....
Jan. 27, 1885	do do .....	1016	Juicy.....	.....
April 28, 1886	do do .....	560	New Fra.....	.....
May 6, 1887	do do .....	187	Chicago Boy...	.....



## CATTLE—CLASS A—CONTINUED.

## Aberdeen-Angus—Herd.

Mar. 27, 1884	T. W. Harvey, Turlington, Neb.....	1322	Sandy.....	.....
Nov. 29, 1884	do do .....	1075	Black Prince...	.....
Dec. 22, 1885	do do .....	687	Tam O'Shanter .....	.....
Dec. 17, 1886	do do .....	327	Alex. Knight...	.....

## Grades and Crosses-Herd.

.....	Earl Adams, Lafayette, Ind.....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	J. A. Funkhouser, Plattsburg, Mo.....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	Fowler & Van Natta, Fowler, Ind.....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
Jan. 3, 1884	D. M. Moninger, Galvin, Iowa.....	1406	Stevens.....	{ 31-32 Shorthorn. 1-32 Native.
Jan. 23, 1885	do do .....	1020	Glick.....	do
Feb. 27, 1886	do do .....	620	Bob Burdette...	do
Jan. 1, 1887	do do .....	312	Bob Jr.....	do
.....	J. R. Peak & Son,.....	.....	Grover.....	{ $\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.
.....	do .....	.....	Frank.....	do
.....	do .....	.....	Bird.....	do
.....	do .....	.....	Pioneer.....	{ 15-16 Shorthorn. 1-16 Native.
Nov. 25, 1883	John B. Sherman, Chicago, Ill.....	1445	Tabor.....	{ $\frac{7}{8}$ Hereford. $\frac{1}{8}$ Native.
April 29, 1885	do do .....	924	T. P.....	{ $\frac{3}{4}$ Hereford. $\frac{1}{4}$ Shorthorn.
Nov. 25, 1885	do do .....	714	Eclipse.....	{ $\frac{1}{2}$ Hereford. $\frac{1}{2}$ Native.
Nov. 23, 1886	do do .....	351	Grandee .....	{ $\frac{3}{4}$ Hereford. $\frac{1}{8}$ Shorthorn. $\frac{1}{8}$ Native.

## Range Cattle-Herd.

.....1884	J. S. Smith & Co., Alzada, Montana.....	.....	.....	.....
.....1885	do do .....	.....	.....	.....
.....1886	do do .....	.....	.....	.....
.....1887	do do .....	.....	.....	.....

## Lot 14—Dressed Carcass.

## Age 3 and under 4 Years.

Feb. 3, 1884	J. W. Morse & Son, Verona, Wis.....	1375	Morsel....	Devon.
Sept. 10, 1884	J. J. Hill, St. Paul, Minn.....	1155	Prentice.....	Shorthorn.
Jan. 21, 1884	Overton Lea, Nashville, Tenn.....	1388	Robertson.....	Sussex.
Mar. 27, 1884	T. W. Harvey, Turlington, Neb.....	1322	Sandy.....	Angus.
Aug. 18, 1884	do do .....	1178	Leopard.....	{ $\frac{1}{2}$ Angus. $\frac{1}{2}$ Native.
Sept. 27, 1884	Thomas Clark, Beecher, Ill.....	1138	Edward.....	{ $\frac{3}{4}$ Hereford. $\frac{1}{4}$ Native.
Jan. 17, 1884	E. & A. Stanford, Steyning, Eng.....	1392	Speculation.....	Sussex.
April 25, 1884	John B. Sherman, Chicago.....	1293	Scottish Prince	{ $\frac{1}{2}$ Hereford. $\frac{1}{2}$ W. Highlander

## Age 2 and under 3 Years.

Nov. 1, 1885	Geo. Leigh & Co., Aurora, Ill.....	738	Ruby.....	{ $\frac{3}{4}$ Hereford. $\frac{1}{4}$ Native.
Dec. 15, 1884	Wm. Younger, Fairbury, Ill.....	1059	Red Oak.....	{ $\frac{1}{2}$ Devon. $\frac{1}{2}$ Native.
Feb. 28, 1885	J. J. Hill, St. Paul, Minn.....	989	Curry.....	{ $\frac{1}{2}$ Angus. $\frac{1}{2}$ Shorthorn.
April 2, 1885	Fowler & Van Natta, Fowler, Ind.....	951	Donald .....	Hereford.
Feb. 11, 1885	do do .....	1001	Anxiety.....	{ $\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native.

## CATTLE—CLASS A—CONTINUED.

Feb. 25, 1885	H. H. Clough, Elyria,, Ohio.....	987	Dick Babbitt...	$\left\{ \begin{array}{l} \frac{7}{8} \text{ Hereford.} \\ \frac{1}{8} \text{ Devon.} \end{array} \right.$
Nov. 11, 1884	Anderson & Findlay, Lake Forest, Ill...	1093	Wilfried.....	Angus.
April 10, 1885	Hugh W. Elliott, Estill, Mo.....	943	Jerome.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{3}{4} \text{ Shorthorn.} \end{array} \right.$
Feb. 17, 1885	Estill Bros., Estill, Mo.....	995	Felix .....	$\left\{ \begin{array}{l} \frac{1}{8} \text{ Native.} \\ \text{do} \end{array} \right.$
Mar. 2, 1885	Inter-State Gall. Cattle Co., Kansas City Mo.....	982	Colonel. ....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Galloway.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Texas.} \end{array} \right.$
April 1, 1885	do do do	952	General.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Galloway.} \\ \frac{3}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
May 30, 1885	W. S. White, Sabetha, Kan.....	893	Roan Commander....	$\left\{ \begin{array}{l} \frac{3}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Nov. 29, 1884	T. W. Harvey, Turlington, Neb.....	1075	Black Price of Turlington .....	Angus.
Feb. 10, 1885	do do .....	1002	Pontiff.....	do
April 27, 1885	J. C. Bertram, Bristol, Ill.....	926	Victor.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{3}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$

## Age 1 and under 2 Years.

Jan. 9, 1886	Adams Earl, Lafayette, Ind.....	669	Earl of Shadeland 16th	Hereford.
Mar. 16, 1886	Geo. Leigh & Co., Aurora, Ill.....	603	Pearl.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Nov. 28, 1885	William Younger, Fairbury, Ill.....	711	George.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Sussex.} \\ 12-64 \text{ Devon.} \\ 7-64 \text{ Jersey.} \\ 13-64 \text{ Native.} \end{array} \right.$
May 3, 1886	T. W. Harvey, Turlington, Neb.....	555	Pistole.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Feb. 26, 1886	Inter-State Gall. Cattle Co., Kansas City Mo.....	621	Bonita.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Galloway.} \\ \frac{1}{2} \text{ Shorthorn.} \end{array} \right.$
Jan. 10, 1886	J. R. Peak & Son, Winchester, Ill.....	668	Baron Von Tromp.....	Shorthorn.

## Carcass Furnishing Largest per cent. of Edible Meat.

Jan. 9, 1886	Earl Adams, Lafayette, Ind.....	669	Earl of Shadeland .....	Hereford.
Feb. 3, 1884	J. W. Morse & Son, Verona, Wis.....	1375	Morsel.....	Devon.
Dec. 15, 1884	Wm. Younger, Fairbury, Ill.....	1059	Red Oak.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Devon.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Sept. 10, 1884	J. J. Hill, St. Paul, Minn.....	1155	Prentice.....	Shorthorn.
Feb. 28, 1885	do do .....	989	Curry .....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{1}{2} \text{ Shorthorn.} \end{array} \right.$
Apr. 2, 1885	Fowler & Van Natta, Fowler, Ind.....	951	Donald .....	Hereford.
Feb. 11, 1885	do do .....	1001	Anxiety.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Nov. 11, 1884	Anderson & Findlay, Lake Forest, Ill...	1093	Wilfried.....	Angus.
Apr. 10, 1885	Hugh W. Elliott, Estill, Mo.....	943	Jerome.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{3}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
Jan. 21, 1884	Overton Lea, Nashville, Tenn.....	1388	Robertson.....	Sussex.
Aug. 18, 1884	T. W. Harvey, Turlington, Neb.....	1178	Leopard.....	$\frac{1}{2}$ Angus.
Nov. 29, 1884	do do .....	1075	Blk. Prince of Turlington..	Angus.
Mar. 27, 1884	do do .....	1322	Sandy.....	do
Feb. 10, 1885	do do .....	1002	Pontiff.....	do
Dec. 22, 1885	do do .....	687	Tam O'Shanter	do
May 3, 1886	do do .....	555	Pistole.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Sept. 27, 1884	Thomas Clark, Beecher, Ill.....	1138	Edward.....	$\left\{ \begin{array}{l} \frac{3}{4} \text{ Hereford.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Feb. 26, 1886	Inter-State Gall. Cattle Co., Kansas City	621	Bonita.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Galloway.} \\ \frac{1}{2} \text{ Shorthorn.} \end{array} \right.$
Jan. 10, 1886	J. R. Peak & Son, Winchester, Ill.,.....	668	Baron Van Tromp....	Shorthorn.
Apr. 27, 1885	J. C. Bertram, Bristol, Ill.....	926	Victor.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{3}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
Jan. 17, 1884	E. & A. Stanford, Steyning, Eng.....	1392	Speculation.....	Sussex.
Apr. 25, 1884	Wm. B. Sherman, Chicago.....	1293	Scottish Prince	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{2} \text{ W. Highlader} \end{array} \right.$



## CATTLE—CLASS A—CONTINUED.

## Carcass Furnishing Largest per cent. Net to Gross.

Jan. 9, 1886	Adam Earl, Lafayette, Ind.....	669	Earl of Shadeland.16th	Hereford.
Dec. 15, 1884	Wm. Younger, Fairbury, Ill.....	1059	Red Oak.....	$\frac{1}{2}$ Devon.
Sept. 10, 1884	J. J. Hill, St. Paul. Minn.....	1155	Prentice.....	$\frac{1}{2}$ Native.
Feb. 28, 1885	do do .....	989	Curry.....	$\frac{1}{2}$ Shorthorn.
Apr. 2, 1885	Fowler & Van Natta, Fowler, Ind. ....	951	Donald.....	$\frac{1}{2}$ Angus.
Feb. 11, 1885	do do .....	1001	Anxiety .....	$\frac{1}{2}$ Shorthorn.
Nov. 11, 1884	Anderson & Findlay, Lake Forest. Ill...	1993	Wilfried.....	$\frac{1}{4}$ Hereford.
Apr. 10, 1885	Hugh W. Elliott, Estill, Mo.....	943	Jerome.....	$\frac{1}{4}$ Native.
Jan. 21, 1884	Overton Lea, Nashville, Ill.....	1388	Robertson.....	Angus.
Mar. 27, 1884	T. W. Harvey, Turlington, Neb.....	1322	Sandy.....	$\frac{1}{2}$ Angus
Nov. 29, 1884	do do .....	1075	Blk. Prince of Turling'n .....	$\frac{3}{8}$ Short-Horn
Feb. 10, 1885	do do .....	1002	Pontiff.....	$\frac{1}{8}$ Native.
Dec. 22, 1885	do do .....	687	Tam O'Shanter.....	Sussex.
May 3, 1886	do do .....	555	Pistole.....	Angus.
Aug. 18, 1884	do do .....	1178	Leopard.....	$\frac{1}{2}$ Angus.
Sept. 27, 1884	Thomas Clark, Beecher, Ill.....	1138	Edward.....	$\frac{1}{2}$ Native.
Feb. 26, 1886	Inter-State Galloway Cattle Co. Kansas City, Mo.....	621	Bonita.....	$\frac{1}{4}$ Hereford.
Jan. 10, 1886	J. R. Peak & Son, Winchester, Ill.....	668	Baron Von Tromp.....	$\frac{1}{2}$ Galloway.
Apr. 27, 1885	J. C. Bertram, Bristol, Ill.....	926	Victor.....	$\frac{1}{2}$ Shorthorn.
Jan. 17, 1884	E. & A. Stanford, Steyning, Eng.....	1392	Speculation.....	$\frac{1}{2}$ Hereford.
Apr. 25, 1884	Jno. B. Sherman, Chicago, Ill.....	1293	Scottish Prince	$\frac{1}{2}$ W.Highlander

## Lot 16—Heaviest Fat Steer.

Apr. 4, 1885	J. N. Cline, Athens, Ill.....	949	Red Jacket.....	15-16 Shorthorn.
July 15, 1884	Fowler & Van Natta, Fowler, Ind.....	1212	Ned Price.....	1-16 Native.
May 25, 1879	H. B. Varnum, Marshalltown, Ia.....	2850	Duke of Iowa..	$\frac{1}{2}$ Hereford.
Dec. 15, 1886	Tom C. Ponting, Moweaqua, Ill.....	329	Saml. Weaver...	$\frac{1}{2}$ Shorthorn.
Mar. 27, 1884	T. W. Harvey, Turlington, Neb.....	1322	Sandy.....	$\frac{1}{8}$ Native.
Nov. 29, 1884	do do .....	1075	Blk. Prince of Turling'n.....	$\frac{3}{4}$ Shorthorn.
Feb. 10, 1885	do do .....	1002	Pontiff.....	$\frac{1}{4}$ Native.
Feb. 1, 1881	Wm. White, Marion, Ind.....	.....	Jumbo.....	.....
Mar. 25, 1882	Jno. B. Sherman, Chicago, Ill.....	2472	White Cloud...	Shorthorn.
May 20, 1883	do do .....	2055	Albright.....	$\frac{1}{2}$ Hereford.
		1999	Gem.....	$\frac{1}{2}$ Shorthorn.
				31-32 Shorthorn.
				1-32 Native.

## Lot 17—Gain per Day.

## Age 3 and under 4 Years.

April 15, 1884	Adams, Earl Lafayette, Ind.....	1303	Sir Bartle 3d....	$\frac{1}{2}$ Hereford.
May 23, 1884	do .....	1265	Sir Bartle 5th..	$\frac{1}{2}$ Shorthorn.
July 27, 1884	J. N. Cline, Athens, Ill.....	1200	Roan Dick....	$\frac{1}{2}$ Hereford.
Aug. 12, 1884	W. H. Renick, Clintonville, Ky.....	1184	Wild Bill.....	$\frac{1}{2}$ Shorthorn.
				$\frac{7}{8}$ Native.

## CATTLE—CLASS A—CONTINUED.

July 15, 1884	Fowler & Nan Natta, Fowler, Ind.....	1212	Price.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Mar. 27, 1884	T. W. Harvey, Turlington, Neb.....	1322	Sandy.....	Angus.
Aug. 18, 1884	do .....	1178	Leopard.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Sept. 27, 1884	Thos. Clark, Beecher, Ill.....	1138	Edward.....	$\left\{ \begin{array}{l} \frac{3}{4} \text{ Hereford.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$

## Age 2 and under 3 Years.

Dec. 15, 1884	Adams, Earl, Lafayette, Ind.....	1059	Sir Bartle 6th...	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
April 4, 1885	J. N. Cline, Athens, Ill.....	949	Red Jacket.....	$\left\{ \begin{array}{l} 15-16 \text{ Shorthorn.} \\ 1-16 \text{ Native.} \end{array} \right.$
Nov. 1, 1885	Geo. Leigh & Co., Aurora, Ill.....	738	Ruby.....	$\left\{ \begin{array}{l} \frac{3}{4} \text{ Hereford.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Feb. 4, 1885	Wm. Younger, Fairbury, Ill.....	1008	Choice.....	Devon.
Feb. 28, 1885	J. J. Hill, St. Paul, Minn.....	989	Curry.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{1}{2} \text{ Shorthorn.} \end{array} \right.$
Feb. 11, 1885	J. A. Funkhouser, Plattsburg, Mo.....	1001	Cupid.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{3}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
April 2, 1885	Fowler & Van Natta, Fowler, Ind.....	951	Donald.....	Hereford.
Feb. 11, 1885	do .....	1001	Anxiety.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
May 1, 1885	B. S. Eldridge, Galvin, Ia.....	922	Dick.....	$\left\{ \begin{array}{l} \frac{7}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
May 5, 1885	do .....	918	Dock.....	do
July 15, 1885	B. Waddell, Marion, O.....	847	Charley.....	Shorthorn.
Feb. 27, 1885	J. H. Potts & Son, Jacksonville, Ill.....	957	Rochester.....	do
May 12, 1885	do .....	911	Red Prince.....	do
June 17, 1884	J. R. Peak & Son, Winchester, Ill.....	1240	Frank.....	$\left\{ \begin{array}{l} \frac{7}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
Nov. 11, 1884	Anderson & Findlay, Lake Forest, Ill..	1093	Wilfried.....	Angus.
April 16, 1885	J. W. Pickett, Plattsburg, Mo.....	937	Experiment....	Shorthorn.
Mar. 2, 1885	I. S. Gall. Cattle Co., Kansas City, Mo.	982	Colonel.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Galloway.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Texas.} \end{array} \right.$
April 1, 1885	do .....	952	General. ....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Galloway.} \\ \frac{3}{8} \text{ Shorthorn.} \\ \frac{1}{8} \text{ Native.} \end{array} \right.$
Nov. 29, 1884	T. W. Harvey, Turlington, Neb.....	1075	Bl'k Prince of T	Angus.
Feb. 10, 1885	do .....	1002	Pontiff.....	do
June 13, 1885	Wm. Moffatt & Bro., Paw Paw, Ill.....	879	Sir Knight.....	Shorthorn.
Sept. 26, 1885	do .....	774	Cruickshank 2d	do
May 30, 1885	W. S. White, Sabetha, Kas.....	893	Roan Com'nd..	$\left\{ \begin{array}{l} \frac{3}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$

## Age 1 and under 2 Years.

Jan. 9, 1886	Adams Earl, Lafayette, Ind.....	669	Earl of Shadeland 1.6th	Hereford.
Feb. 17, 1886	do .....	630	Exeter .....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Dec. 3, 1885	E. T. Doney, Jackson, Mich.....	706	Ben.....	Shorthorn.
Dec. 3, 1885	F. W. Green, Olivet, Mich .....	706	Luce. ....	Shorthorn.
Mar. 16, 1886	George Leigh & Co., Aurora Ill.....	603	Pearl .....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{2} \text{ Native.} \end{array} \right.$
Dec. 17, 1885	J. J. Hill, St. Paul, Minn.....	692	Monroe.....	Angus.
Jan. 25, 1886	do .....	653	Goldfinder.....	Shorthorn.
Feb. 5, 1886	J. A. Funkhouser, Plattsburg, Mo.....	642	Defiance .....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ 7-16 \text{ Shorthorn.} \\ 1-16 \text{ Native.} \end{array} \right.$
Jan. 30, 1886	do .....	648	Portrait.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Hereford.} \\ \frac{1}{4} \text{ Shorthorn.} \\ \frac{1}{4} \text{ Native.} \end{array} \right.$
Dec. 5, 1885	Fowler & Van Natta, Fowler, Ind.....	704	Sam Jones.. ...	do
Dec. 25, 1885	C. C. Blish & Son, Kewanee, Ill.....	684	Harry.....	Shorthorn.
Oct. 16, 1886	S. S. Brown & Son, Galena, Ill.....	389	Dr. Tanner ....	$\frac{1}{2}$ Shorthorn.
Aug. 20, 1886	J. S. Smith, Bates, Ill.....	446	Bates.....	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Angus.} \\ \frac{1}{2} \text{ Shorthorn.} \end{array} \right.$
May 5, 1886	do .....	553	Sangamon .....	do
Aug. 28, 1886	do .....	438	Berlin .....	do
July 1, 1886	do .....	496	Springfield .....	do
July 21, 1886	do .....	476	Illinois... ..	do
Sept. 12, 1886	do .....	423	Richland.....	do
Sept. 8, 1886	do .....	427	Alexander.....	do



## CATTLE—CLASS A—CONTINUED.

Sept. 4, 1886	J. S. Smith, Bates, Ill.....	431	Sucker.....	$\frac{1}{2}$ Angus. 7-16 Shorthorn. 1-16 Native.
April 20, 1886	do .....	568	Sidney.....	do
April 12, 1886	do .....	576	Johnston .....	do
Mar. 5, 1886	J. H. Potts & Son, Jacksonville, Ill.....	614	Red Duke.....	Shorthorn.
Oct. 28, 1886	do .....	377	Roan Gauntlet...	do
Feb. 20, 1886	J. W. Pickett, Plattsburg, Mo.....	627	Baby Mine.....	do
July 3, 1886	Estill Brothers, Estill, Mo.....	497	Dot .....	Angus.
Feb. 26, 1886	Inter-State Gall. Cattle Co., Kas. Cy, Mo.	621	Bonita .....	$\frac{1}{2}$ Galloway. $\frac{1}{2}$ Shorthorn.
May 29, 1886	George F. Davis & Co., Dyer, Ind.....	529	Butterfly.....	$\frac{1}{2}$ Shorthorn. $\frac{1}{2}$ Native.
Dec. 2, 1885	Overton Lea, Nashville, Tenn.....	707	Rover .....	Sussex.
Sept. 20, 1886	do do .....	415	Willis.....	$\frac{1}{2}$ Sussex. 7-16 Shorthorn. 1-16 Native.
Nov. 1, 1886	do do .....	373	Stephen.....	do
Dec. 25, 1885	B. Waddell, Marion, O.....	684	Buck .....	Shorthorn.
Dec. 25, 1885	do do .....	684	Xmas Gift.....	Devon.
Jan. 25, 1886	George Leigh & Co., Aurora, Ill.....	653	Dave .....	Hereford-Devon.
Dec. 20, 1885	Wm. Moffatt & Bro., Paw Paw, Ill.....	689	Cruickshank ...	Shorthorn.

## Age 6 and under 12 Months.

Jan. 29, 1887	Adams Earl, Lafayette, Ind.....	284	Ensign.....	$\frac{1}{2}$ Hereford. 1-16 Shorthorn. 1-16 Native.
Nov. 22, 1886	do do .....		Elder.....	do
Nov. 22, 1886	George Elliott, Harristown, Ill.....	352	Girdle.....	Shorthorn.
Dec. 28, 1886	J. A. Funkhouser, Plattsburg, Mo.....	316	Granite.. .....	$\frac{1}{2}$ Hereford. $\frac{1}{4}$ Shorthorn. $\frac{1}{4}$ Native.
Jan. 15, 1887	do do .....	298	Lithograph.....	do
Dec. 13, 1886	Fowler & Van Natta, Fowler, Ind.....	331	Punch.....	Hereford.
Dec. 9, 1886	do do .....	335	Samson.....	$\frac{1}{2}$ Hereford. $\frac{1}{2}$ Shorthorn. $\frac{1}{4}$ Native.
Nov. 21, 1886	C. C. Blish & Son, Kewanee, Ill.....	353	Mark.....	Shorthorn.
Nov. 23, 1886	J. R. Peak & Son, Winchester, Ill.....	351	Pioneer.....	$\frac{1}{2}$ Hereford. 15-16 Shorthorn. 1-16 Native.
Dec. 15, 1886	Tom C. Ponting, Moweaqua, Ill.....	329	Saml. Weaver..	Hereford.
May 6, 1887	Geo. F. Davis & Co., Dyer, Ind.....	187	Roger.....	$\frac{1}{2}$ Jersey. $\frac{1}{2}$ Native.
Nov. 19, 1886	Lea Overton, Nashville, Tenn.....	355	Letham.....	Sussex.
May 1, 1887	B. Waddell, Marion, Ohio.....	192	Ohio Bell.....	Shorthorn.
Mar. 1, 1887	S. H. Todd, Wakeman, Ohio.....	253	Cyclone.....	$\frac{3}{4}$ Hereford. $\frac{1}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Mar. 29, 1887	Wm. Moffatt & Bro., Paw Paw, Ill.....	225	Latest Style....	$\frac{7}{8}$ Shorthorn. $\frac{1}{8}$ Native.

## Lot 18—Cost of Production.

## Age 3 and under 4 Years.

..... 1884	J. S. Smith & Co., Alzada, Mont.....	.....	Montana.....	Range.....
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## Age 2 and under 3 Years.

.....	J. S. Smith & Co., Alzada, Mont.....		Custer .....	Range.
Apr. 30, 1885	J. R. Price & Son, Williamsville, Ills....	938	Armour.....	$\frac{1}{2}$ Hereford. $\frac{3}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Apr. 30, 1885	do do .....	923	Arthur.....	$\frac{1}{2}$ Hereford. $\frac{3}{8}$ Shorthorn. $\frac{1}{8}$ Native.
July 15, 1885	B. Waddell, Marion, Ohio.....	847	Charley.....	Shorthorn.

## Age 1 and under 2 Years.

.. ..	J. S. Smith & Co., Alzada, Mont.....		Miles.....	Range.
June 6, 1886	J. R. Price & Son, Williamsville, Ill.....	521	Bonana.....	$\frac{1}{2}$ Hereford. $\frac{3}{8}$ Shorthorn. $\frac{1}{8}$ Native.
Dec. 25, 1885	B. Waddell, Marion, Ohio.....	684	Buck.....	Shorthorn.
Sep. 10, 1886	do do .....	425	Billy.....	do

## CATTLE—CLASS A—CONTINUED.

## Age under 1 Year.

		J. Smith & Co., Alzada, Mont.....		Keogh.....	Range.
Jan. 3, 1887		J. R. Price & Son, Williamsville, Ill.....	310	Cullom.....	$\frac{1}{2}$ Hereford.
					$\frac{3}{8}$ Shorthorn.
					$\frac{1}{8}$ Native.
Feb. 2, 1887	do	do	280	Chicago.....	$\frac{1}{2}$ Hereford.
					$\frac{3}{8}$ Shorthorn.
					$\frac{1}{8}$ Native.
May 1, 1887		B. Waddell, Marion, Ohio.....	192	Ohio Bell.....	Shorthorn.

## CLASS B—HORSES.

E. C. LEWIS, Superintendent Light Horses.

## Lot 19—Roadsters.

## Stallion—4 Years or over.

EXHIBITOR.	POSTOFFICE.	NAME OF ANIMAL.
Hill, Ira A.....	Chicago	Hill's Royal Bashaw.
do .....	do	Royal George.
Covert, Geo. H.....	do	Mambrino Prince.
King, Rufus.....	do	Kingston.
Newman, John.....	Elgin	Newmont (4877).
Swanbrough, J. W.....	Waukegan	Princess Wilkes.
do .....	do	Hambletonian Prince.
Crockett, W. D.....	do	Judge Hayes.
Heckinger Bros.....	Chicago	Bay Prince.
Maloye, Mathew S., Jr.....	Belvidere	Gilman.
Cronholm, N. N.....	Chicago	St. Elmo.

## Stallion—3 and under 4 Years.

Baker, W. T.....	Bolivia	Head'em.
Shillington, Isaac.....	Waukegan	Royal Arch.
Bergman, John.....	Chicago	Highland Wilks.
Maloy, Mathew I., Jr.....	Belvidere	McGunigan.
Wadsworth, James.....	Chicago	Abdallah Hamlet.

## Mare—4 Years and over.

Caton Stock Farm.....	Joliet, Ill.	Hennepin Maid.
Ryan, John F.....	Chicago	Midget.
Romaine, J. H.....	do	Kitty Wilkes.

## Mare—3 and under 4 Years.

Baker, W. T.....	Bolivia	Nellie Grant.
Sunderland, J. F., chg. (68 3 of T.).....		Scalchi.

## Mare—Any Age.

Wadsworth, Jas.....	Chicago	Lady Attwood.
Blars, J. H.....	Chicago, Wabash ave., 2449	Hattie B.
Kelley, John.....	Chicago	Opal.

## Pair Geldings—Any Age.

Macfarland, H. J.....	Chicago	Bob and Spy.
Kennett, F. J.....	do	.....

## Gelding—Any Age.

Olve, D. H.....	Chicago	Cloud.
Caton Stock Farm.....	Joliet, Ill.	Michigan.
Martindale, H. H.....	Chicago	Horace.
Goss, S. F.....	do	Don.
Macfarland, H. J.....	do	Bob.



## HORSES—CLASS B—CONTINUED.

Cooper, J. S.....	Chicago	"John S."
Romaine, J. H.....	do	.....
Moon, W. D.....	do	Parmer Geo.
Frazier, James.....	do	King Clay.

## Special.

Baker, W. T.....	Bolivia	Bud Doble.
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## Stallions—Roadsters, 2 and under 3 Years.

Perrine, G. E.....	Chicago	Fenton Opal.
Winslow, Peleg.....	Kankakee	Nicodemus.

## Pair of mares—Any age.

Stericker Bros.....	Springfield, Ill.	Empress and Lady Hilda.
Brown, Geo. E. & Co .....	Aurora, Ill.	Vivian and Adelaide.

## Miscellaneous.

## Stallions—2 and under 3 Years.

Brown, Geo. E. & Co.....	Aurora, Ill.	Endymion.
do .....	do	Hannibal.
do .....	do	Czar.
do .....	do	Prince Arthur.
do .....	do	Almont.
do .....	do	Homer.
do .....	do	Burhmore,
Door Prairie.....	Door Village	County Gent 2d.
Stericker Bros.....	Springfield, Ill.	Napoleon 1st.
do .....	do	Royal Monarch 4th.
Galbraith Bros.....	Janesville, Wis.	Admiration.
Yeomans, H. E.....	Indianola	Provost.
Cater Bros.....	Libertyville	Speculator.
Beckett, Jas. D.....	Chicago	Goldsborough.

## Lot 20—Cleveland Bay.

## Stallion—4 Years or over.

Door Prairie Live Stock Association.....	Door Village Ind.	Suprise.
Brown, Geo. E. & Co.....	Aurora, Ill.	Gloster.
do .....	do	Marlboro.
do .....	do	Terre Britan.
do .....	do	Darnley.
Stericker Bros.....	Springfield, Ill.	"Duke of York" 72
Becket, Jas. D.....	Chicago	Eastern Star.
do .....	do	Goldsbrough.

## Stallion—3 and under 4 Years.

Brown, Geo. E. & Co.....	Aurora, Ill.	Consort.
do .....	do	Warlock.
do .....	do	Banquo.
Galbraith Bros .....	Janesville, Wis.	Lord Derby.
do .....	do	Star of Cleveland.
do .....	do	Endearment.
Stericker Bros.....	Springfield, Ill.	"Ventnox" 69.
do .....	do	"Kingscote" 154.
Iowa Hereford Cattle Co.....	Indianola, Ia.	Lucky Boy 749
Cater Bros.....	Libertyville, Ill.	Young Nobleman.
do .....	do	Speculator.

## Mare—4 Years and over.

Brown, Geo. E. & Co.....	Aurora, Ill.	Adelaide.
do .....	do	Vivian.
Stericker Bros.....	Springfield, Ill.	Empress.
do .....	do	Lady Hilda.

## Mare—3 and under 4 Years.

Brown, Geo. E. & Co.....	Aurora, Ill.	Jewel.
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## HORSES—CLASS B—CONTINUED.

## Lot 21—Saddle Horses.

## Stallion—Any Age.

Davis, Geo. F. & Co.....	Dyer, Ind.	Dexter.
Harvey, T. W.....	Turlington, Neb.	Artisan.
Baker, W. T.....	Bolivia, Ill.	Jewell.
Mathison, S.....	Chicago.	Prince Logan.

## Gelding—Any Age.

Dunne, M. N. Mrs.....	Chicago	Archy D.
Russ, O. A.....	do	Captain.
Cudahy, M.....	do	.....
do .....	do	.....
Davis, Smith & Co.....	Fulton, Mo.	.....
Waixal, D.....	Chicago.	John P.
Rockwood, F. B.....	do	Rex.
Brooks, J. W.....	do	Billy Boy.

## Mare—Any Age.

Rowe, D. M.....	Chicago	Kitty R.
Billings, C. K. G.....	do	.....
Close, J. B.....	do	Oriole.
Rockwood, Florence.....	do	Queen Ella.
Brook, J. W.....	do	Annie.

## Lot 22—Carriage or Coach.

## Stallion—Any Age.

Baker, W. T.....	Bolivia	Freeland.
do .....	do	Bud Doble.
Degan Bros.....	Ottawa, Ill.	Trowville.
do .....	do	Billy.
Gray, James.....	Freeport	Escobees.
do .....	do	Elobah.
do .....	do	Enantial.
do .....	do	Aroncas.
do .....	do	Fee De Gue.
do .....	do	Eblansaurt.
do .....	do	Dadavis.
do .....	do	Volmouth.
Becket, Jos. D.....	Chicago	Gentil.
do .....	do	Oppenay.
Johnson, Leonard.....	Northfield, Minn.	Epaulet.
Iowa Hereford Cattle Co.....	Indianola, Ia.	Provost.
Carter Bros.....	Libertyville, Ill.	Free Trade.
Dunham, M. W.....	Wayne, Ill.	Ebloinssat.
do .....	do	Hildire.
do .....	do	Gildino.
do .....	do	Gil Blas.
do .....	do	Gracey.
do .....	do	Ferron.
do .....	do	Fleason.
do .....	do	Forrester.

## Pair Geldings.

Martindale, H. H.....	Chicago, Ill.	Harry and Horace.
do .....	do	Frank and Fred

## Mare—Any Age.

Baker, W. T.....	Bolivia	Mollie.
Johnson, Leonard.....	Northfield, Minn.	Perla.
do .....	do	Esteinee.
do .....	do	La Cinn.
Dunham, M. W.....	Wayne, Ill.	Vesta.
do .....	do	Mertelle.
do .....	do	Hirondelle.



## HORSES—CLASS B—CONTINUED.

## Pair Mares.

Baker, W. T.....Bolivia

Mollie and Nellie.

## Team.

Baker, W. T.....Bolivia  
Martindale, H. H.....Chicago.....  
Harry and Horace.

## Lot 23—Park Horse.

## Stallion, Mare or Gelding—Any Age.

Harvey, T. W.....Turlington, Neb.  
Stericker Bros.....Springfield, Ill.  
Smith, Geo. R.....Shelbyville, Ky.Artisan.  
Ventnor 69.  
Jugler.

## Lot 24—Equestrianism.

## Boy Rider Under 14.

Davis, Geo. F. & Co.....Dyer, Ind.  
Harvey, T. W., Jr.....Chicago.  
Harvey, Elbert.....do  
Raeside Bros.....Waukegan.  
Scranton.....Forrest.  
Davis, Willie.....Dyer, Ind.  
Keenan, Bobbie.....Chicago.  
Coy, Harry.....do  
Reynolds, Fred Lee.....do  
Smith B.....do  
Burt Michael.....do  
Burgess Charlie.....Wenona

## Gentleman Rider.

Martindale, D. M.....Chicago  
Macfarland, H. J.....do  
Davis, Henry.....Dyer, Ind.  
Dunne, M. W.....Chicago

## Girl Rider Under 14.

Coy, Mary G.....Chicago  
Tomlin, Rebecca.....do

## Lady Rider.

Dunne, M. W. Mrs.....Chicago.

## Lady Rider With Escort.

Dunne, Mrs. M. W.....Chicago.

M. W. Dunne [Escort.]

## Lot 25—Driving Cart.

## Boy Driver not Over 14 Years Old—[Horse Used to be Under 14 Hands High.]

Keenan, Bobbie.....Chicago  
Coy, Harry.....do  
Reynolds, Fred Lee.....Chicago  
Smith, B.....do  
Burt Michael.....do

## Lot 26—Ponies.

## Not Over 12 Hands High.

## Stallion—Any Age.

Galbraith Bros.....Janesville, Wis.  
Degen Bros.....Ottawa, Ill.  
Huston, John C.....Blandinsville, Ill.Tom Thumb.  
Charlie.  
Dandy Jim.

## HORSES—CLASS B—CONTINUED.

Gleason, H. J.....	Chicago, Ill.	Colonel.
Raeside Bros.....	Waukegan, Ill.	Masher.
do .....	do	Spark.
Bergen Bros.....	Manhattan, Ill.	Duke of Edinburgh
do .....	do	Prince of Iceland.
Thompson, S. D.....	Wayne, Ill.	Grover
Scranton, Geo. F.....	Forrest, Ill.	
Reynolds, F. Lec.....	Chicago, Ill.	
Burgess Bros.....	Wenona, Ill.	Charlie.

## Mare—Any Age.

Galbraith Bros.....	Janesville, Wis.	
do .....	do	
do .....	do	
Raeside Bros.....	Waukegan, Ill.	Gypsy.
Bergen Bros.....	Manhattan, Ill.	Jenny.
do .....	do	Jane.
do .....	do	Pet.
do .....	do	Kit.
Thompson, S. D.....	Wayne, Ill.	Maria.
Keenan, Bobbie.....	Chicago, Ill.	Jennie.
Coy, Harry.....	do	Jessie.

## Gelding—Any Age.

Murphy, Jno C.....	S. Evanston	Dick.
Raeside Bros.....	Waukegan	Leo.
Robinson, J. K.....	Chicago, Ill.	Frolic.

## Pony Team.

Galbraith Bros.....	Janesville, Wis.	
Bergen Bros.....	Manhattan, Ill.	Jenny and Jane.
do .....	do	Pet and Kit.
Thompson, S. D.....	Wayne, Ill.	Grover and Maria.
Coy, Harry.....	Chicago	Jessie and Jennie.

## Lot 27—Coupe Horse.

Burdett, Ed. A.....	Chicago	Frank G.
Taylor, Hubert C.....	do	
Wilson, W. J.....	Chicago	Captain.

## Cart Horse.

Martindale, H. H.....	Chicago	Fred.
Baxter, A. J.....	do	Blue Gown.
McFarland, H. J.....	do	Prince.
Reynolds, Fred Lee.....	do	
Allerton, Samuel W.....	do	
Taylor, Hubert C.....	do	
do .....	do	
Frazier, James.....	do	Peacock.
Nelson, O. C.....	do	Oglesby.

## Pair Cobs to Mail Phaeton.

Martindale, H. H.....	Chicago	Frank and Fred.
Taylor, Hubert C.....	do	
Fay, C. N.....	do	
Carson, J. D.....	do	
Nelson, O. C.....	do	
Frazier, James.....	do	Bright Eyes—Merry Legs

## Carriage Horses.

Baker, W. T.....	Bolivia, Ill.	
Martindale, H. H.....	Chicago	Harry and Horace.
Allerton, Samuel W.....	Chicago	do
Wilson, W. J.....	do	Captain and Colonel.

## Brougham Team.

Baxter, A. J.....	Chicago	Blue Gown and Rebel.
Palmer, Potter.....	do	do
Allerton, Samuel W.....	do	do
Taylor, Hubert C.....	do	do
Swartz, Charles.....	do	do



## HORSES—CLASS B—CONTINUED.

## Tandem Team.

Baxter, A. J.....	Chicago	Blue Gown and Rebel.
Harvey, J. R.....	do	Prince Edward and Earl.
McFarland, H. J.....	do	Bob and Spy.
Taylor, Hubert C.....	do	.....
Frazier, James.....	do	Kansas Jack & Peacock.

## Four-in-hand Team.

Baker, W. T.....	Bolivia, Ill.	{ Freeland, Headem.
McFarland, H. J.....	Chicago	{ Mollie and Nellie G.
Palmer, Potter.....	do	{ Bob, Spy, Chief
Allerton, Samuel W.....	do	{ and Prince.
Taylor, Hubert C.....	do	.....
Swartz, Charles.....	do	.....

## Lot 28—French Draft (Full Blood).

## Stallion, age 4 Years or over.

Dillon Bros.....	Normal, Ill.	Honesty B.
Sass & Miller.....	Ancona, Ill.	Mouton.
do.....	do	Negro.
do.....	do	Porthos.
do.....	do	Valiant.
do.....	do	Monte Christo.
Degen Bros.....	Ottawa, Ill.	Voltaire XI.
Rogers, B. L.....	Lyons, Ia.	Brilliant, 4198.
Virgin Co.....	Fairbury, Ill.	Forzron.
do.....	do	Prouder.
Riley, Thomas G.....	Forrest, Ill.	Marquis.
do.....	do	Gen. Forrest.
Shaubach & Eaton.....	Tonica, Ill.	Tritoma, 3603.

## Stallion, age 3 and under 4 Years.

Degen Bros.....	Ottawa, Ill.	Feuilleton.
Virgin Co.....	Fairbury, Ill.	Paupire.
do.....	do	Perrot.
do.....	do	Colin.
do.....	do	Soudan.
do.....	do	Chasseur.

## Stallion, age 2 and under 3 Years.

Sass & Miller.....	Ancona, Ill.	Beau Noir.
Virgin Co.....	Fairbury, Ill.	Abelon.
Rily, Thos. G.....	Forrest, Ill.	Jumbo.

## Mare, age 4 Years and over.

Dillon Bros.....	Normal, Ill.	Annie B.
do.....	do	Linnet B.

## Mare, age 3 and under 4 Years.

Dillon Bros.....	Normal, Ill.	Surprise G.
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## Mare, age 2 and under 3 Years.

Dillon Bros.....	Normal, Ill.	Melisse B.
Virgin & Co.....	Fairbury, Ill.	Mina.

## Lot 29—Percheron (Full Blood).

## Stallion, age 4 Years and over.

Degen Bros.....	Ottawa, Ill.	Bouvrene.
Beckett, Jas. D.....	Chicago.	Angot.
Johnson, Leonard.....	Northfield, Minn.	Gilbert.
do.....	do	Beiard.
do.....	do	Vert Galant.

## HORSES—CLASS B—CONTINUED.

**Lot 11--Grand Sweepstakes.**

Best Steer, Cow or Spayed Heifer in the Show, the Newark Machine Co., Coubus, O., offer a  
Combined Manure Spreader and Wagon, value.....1..... \$130 00

**Lot 33—Grade Draft Horses.**

(Get of full blood sires. Imported horses excluded.)

**Stallion—Age 4 Years and Over.**

Wilson, R. J.....	Hebron, Ind. ....	Jolly Jim.
Baldwin, W. W.....	Chicago, Ill. ....	Young Nigger.
Ogilvie, R. B.....	Madison, Wis. ....	Bar None.

**Stallion—Age 3 and under 4 Years.**

Peabody, Brewster. ....	Allegheny, Mich. ....	Time O'Day.
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**Miscellaneous—Stallion—Age 1 and under 2 Years.**

Morey, T. P.....	Lowell, Ind. ....	Bob.
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**Jacks and Jennets.**

Babb, Albert.....	Taylorville, Ill. ....	Hindu.
do .....	do .....	Don Alfonso.
do .....	do .....	Jehu.
do .....	do .....	Tolu.
do .....	do .....	Donna Julia
do .....	do .....	Antonia.

**Lot 29 1-2.**

American Percheron Association—Full Blood.

**Stallion—Age 4 Years and Over.**

Degen Bros.....	Ottawa, Ills. ....	Bourreine.
Johnson, L.....	Northfield, Minn. ....	Gilbert.
do .....	do .....	Baird.
do .....	do .....	Verte. Galent 2463.
Dunham, M. W.....	Wayne, Ills. ....	Stradat 7112.
do .....	do .....	Cheri 5148.

**Stallion—Age 3 and under 4 Years.**

Degen Bros.....	Ottawa, Ills. ....	Bernadotte.
Dunham M. W.....	Wayne, Ills. ....	Pollux 6984 (6880).
do .....	do .....	Pacha 6977 (4368).
do .....	do .....	Ventuer 6995 (6182).
do .....	do .....	Atilla 7017 (6201)
do .....	do .....	Lerida 6869 (6780)

**Stallion—Age 2 and under 3 Years.**

Johnson, L.....	Northfield, Minn. ....	Leopold 8605.
Dunham, M. W.....	Wayne, Ills. ....	Absolan 7017.
do .....	do .....	Gastronome 7058.

**Stallion—Age 1 and under 2 Years.**

Dunham, M. W.....	Wayne, Ills. ....	Brisudan 5335.
do .....	do .....	Berreson 4336.
do .....	do .....	Brannock 5688.

**Stallion Colt under 1 Year.**

Degen Bros.....	Ottawa, Ills. ....	Porthos.
do .....	do .....	Atilla.



## HORSES—CLASS B—CONTINUED.

Dillon, Bros.....	Normal, Ill.	.....	When.
Dunham, M. W.....	Wayne, Ills.	.....	Bavardo 7236.
do .....	do .....	.....	Barrett 7237.
do .....	do .....	.....	Balliett 7161.

## Mare—Age 4 Years and Over.

Johnson L.....	Northfield, Minn.	....	Sada.
Dillon Bros.....	Normal, Ills.	.....	Modesty G.
do .....	do .....	....	Lorelee G.
do .....	do .....	....	Essie G.
Dunham, M. W.....	Wayne, Ills.	.....	Mascotte 6927 (4265)
do .....	do .....	....	Bijourie 2759 (1527)
do .....	do .....	....	Giana 2755 (1531)
do .....	do .....	....	Favorita 4360 (4410)
do .....	do .....	....	Adelaide 519.
do .....	do .....	....	Bertha 5340.

## Mare—Age 3 and under 4 Years.

Johnson, L.....	Northfield, Minn..	....	Messagere.
Dillon Bros.....	Normal, Ills.	....	Anna G.
Dunham M. W.....	Wayne, Ills.	....	Zoe 6930 (3032).
do .....	do .....	....	Babie 7129 (8721).
do .....	do .....	....	Frigatee 5639 (5474).

## Mare—Age 2 and under 3 Years.

Dunham, M. W.....	Wayne, Ill.	....	Margot 5658 (7021).
do .....	do .....	....	Lanceter 5672 (6994).
do .....	do .....	....	Julia 5676 (7015).
do .....	do .....	....	Medora 4386.
do .....	do .....	....	Mirane 4379.
do .....	do .....	....	Rosalin 5176.
do .....	do .....	....	Rafale 4391.

## Mare—Age 1 and under 2 Years.

Dillon Bros.....	Normal, Ill.	....	Roxy G.
Dunham, M. W.....	Wayne, Ill.	....	Merino 5698.
do .....	do .....	....	Fatima 7136.
do .....	do .....	....	Pandore 7153.

## Mare—Age under 1 Year.

Dunham, M. W.....	Wayne, Ill.	....	Gipsev Girl 7329.
do .....	do .....	....	Amie 7337.

## Sire and 5 Colts—Gold Medal.

Dunham, M. W.....	Wayne, Ill.	....	Brilliant 1271.
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## Dam and 2 Colts—Gold Medal.

Dillon Bros.....	Normal, Ill.	....	Lorelee G.
Dunham, M. W.....	do .....	....	Isuda 2214.
do .....	do .....	....	Mere 2775.

## Lot 31 1-2—Recorded Clydesdales.

## Stallion—Age 4 Years and Over.

Holloway, Robt.....	Alexis, Ills.	....	Cedric.
do .....	do .....	....	Simple Jamie.
do .....	do .....	....	St. Cuthbert.
Galbraith Bros.....	Janesville, Wis.	....	Glenco.
do .....	do .....	....	The Milroy.
do .....	do .....	....	Young Sanguhar.
do .....	do .....	....	Sensation.
Banks & Hilt.....	La Porte, Ind.	....	Pickwick.
Huston, John C.....	Blandinsville, Ills.	....	Sailsbury.
do .....	do .....	....	Robert the Bruce.
Henry Bros.....	Indianola, Ia.	....	Tip Top 2479.
Moffatt, Wm. Bros.....	Paw Paw, Ia.	....	Conningsly.

## HORSES—CLASS B—CONTINUED.

## Stallion—Age 3 and under 4 Years.

Holloway, Robt.	Alexis, Ills.	Pointsman Again.
Galbraith Bros.	Janesville, Wis.	Blantyre Chief.
do	do	Holyrood.
Banks & Hilt.	La Porte, Ind.	Grand Type.
Huston, John C.	Blandinsville, Ills.	The Mahdi.
do	do	Sir Christopher.
do	do	Mac Brayne.
do	do	Millionaire.

## Stallion—Age 2 and under 3 Years.

Door Prairie Live Stock Association.	Door Village, Ind.	Laird of Moray.
Holloway, Robert.	Alexis, Ill.	Steadfast.
Galbraith Bros.	Janesville, Wis.	Earl of Tornorrock.
do	do	Dollar Yet.
do	do	Graham's Fancy.
do	do	Bengullim.
Houston, John C.	Blandinsville, Ill.	Diamond Cross.
do	do	Wrangler.
do	do	Privateer.
do	do	Auchenboine.
Moffatt, Wm. & Bro.	Paw Paw, Ill.	Corsair 3d.
Ogilvie, R. B.	Madison, Wis.	McQueen.

## Stallion—Age 1 and under 2 Years.

Holloway, Robert.	Alexis, Ill.	Cairnbroggie 1st.
do	do	do 2d.
do	do	Handsome.
Raeside Bros.	Waukegan, Ill.	King Lear.
Blodgett, A. Z.	do	King George.

## Stallion Colt under 1 Year.

Holloway, Robert.	Alexis, Ill.	Cloth of Gold,
do	do	Stalwart.
Blodgett, A. Z.	Waukegan, Ill.	King Harry 3486.

## Mare—Age 4 Years and over.

Door Prairie Live Stock Association.	Door Village Ind.	Leoline.
Holloway, Robert.	Alexis, Ill.	Cherry Ripe.
Raeside Bros.	Waukegan, Ill.	Gracie 2465.
Huston, John C.	Blandinsville Ill.	Darling.
Galbraith Bros.	Janesville, Wis.	Beauty.
Ogilvie, R. B.	Madison, Wis.	Nettie of Jordonstone.

## Mare—Age 3 and under 4 Years.

Galbraith Bros.	Janesville, Wis.	Lily.
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## Mare—Age 2 and under 3 Years.

Holloway, Robert.	Alexis, Ill.	Minnie Tarbrock.
do	do	Belle do
Banks & Hilt.	LaPorte, Ind.	Sarah.
Huston, John C.	Blandinsville, Ill.	Maud of Oak Grove.
Ogilvie, R. B.	Madison, Wis.	Queen of Lyons.

## Mare—Age 1 and under 2 Years.

Holloway, Robert.	Alexis, Ill.	St. Cuthbert's Daisy.
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## Mare Colt—Age under 1 Year.

Holloway, Robert.	Alexis, Ill.	St. Cuthbert's Maggie.
do	do	Beautiful Princess.
Galbraith Bros.	Janesville, Wis.	Melody.
Blodgett, A. Z.	Waukegan Ill.	Bonnie Maggie 3485.



## HORSES—CLASS B—CONTINUED.

## 32 1-2—Gold Medals.

## Stallion.

Holloway, Robt.....	Alexis, Ills. ....	Cairnbroggie 1st.
Galbraith Bros.....	Janesville, Wis. ....	Glencoe.

## Mare.

Holloway, Robt .....	Alexis, Ills. ....	St. Cuthbert's Maggie.
Galbraith Bros.....	Janesville, Wis. ....	Melody.
Banks & Hilt.....	La Porte, Ind. ....	Sarah.
Dunham, M. W.....	Wayne, Ill.	Strudat 7112 (2463).
do .....	do	Cheri 5148 (5614).
Maloy, Mathew I., Jr.....	Belvidere, Ill.	Corsican 1299.

## Stallion—Age 3 and under 4 Years.

Degen Bros.....	Ottawa, Ill.	Bernadotte.
Beckett, Jas. D.....	Chicago.	Madere XI.
do .....	do	Romeo.
Dunham, M. W.....	Wayne, Ill.	Pollux 6984 (6880).
do .....	do	Pacha 6977 (4368).
do .....	do	Ventuer 6995 (6182).
do .....	do	Attila 7015 (6201).
do .....	do	Linda 6969 (6780).

## Stallion—Age 2 and under 3 Years.

Johnson, Leonard.....	Northfield, Minn.	Leopold.
Dunham, M. W.....	Wayne, Ill.	Absalon 8605 (7017).
do .....	do	Gastronome 7058 (8952).

## Mare—Age 4 Years and over.

Dillon Bros.....	Normal, Ill.	Modesty G.
do .....	do	Lorda G.
do .....	do	Essie G.
Degen Bros.....	Ottawa, Ill.	Tulip.
Johnson, Leonard.....	Northfield, Minn.	Sada.
Dunham, M. W.....	Wayne, Ill.	Mascotte 6927 (4265).
do .....	do	Bijourie 2759 (1527).
do .....	do	Gracia 2755 (1531).
do .....	do	Favorita 4360 (4410).

## Mare—Age 3 and under 4 Years.

Dillon Bros.....	Normal, Ill.	Anna G.
Johnson, Leonard.....	Northfield, Minn.	Mepagna.
Dunham, M. W.....	Wayne, Ill.	Zoe 6930 (3032).
do .....	do	Babie 7129 (8721).
do .....	do	Frigate 5639 (5474).

## Mare—Age 2 and under 3 Years.

Dunham, M. W.....	Wayne, Ill.	Margot 5658 (7021).
do .....	do	Lancetter 5672 (6994).
do .....	do	Julia 5676 (7015).
do .....	do	Medora 4386.
do .....	do	Mirane 4379.
do .....	do	Rosaline 5176.
do .....	do	Rafale 4391.

## Lot 30—Belgian.—(Full Blood.)

## Stallion—Age 4 Years and over.

Degens Bros.....	Ottawa, Ills.	Major.
Rogers, B. L.....	Lyons, Iowa.	Sultan, 74.
Wabash Imp. Co.....	Wabash, Ind.	Hercules.
do .....	do	Bayard.
do .....	do	Brilliant.
do .....	do	Baron.

## HORSES—CLASS B—CONTINUED.

## Stallion—Age 3 and under 4 Years.

Degen Bros.....	Ottawa, Ills.	Julius Caesar.
do .....	do	Sultan 2.
Wabash Imp. Co. ....	Wabash, Ind.	Bargoyne.
do .....	do	Lion.
do .....	do	Bogard.

## Stallion—Age 2 and under 3 Years.

Degen Bros.....	Ottawa, Ills.	Beau Sire.
Wabash Imp. Co.....	Wabash, Ind.	Legros.
do .....	do	General.

## Lot 31—Breed Clydesdale.—(Full Blood.)

## Stallion—Age 4 and Over.

Holloway, Robt.....	Alexis, Ills.	Cedrick.
do .....	do	Simple Jamie.
do .....	do	St. Cuthbert.
Galbraith Bros.....	Janesville, Wis.	Glencoe.
do .....	do	The Milroy.
do .....	do	Young Sanquhar.
do .....	do	Sensitive.
Banks & Hilt.....	La Porte, Ind.	Pickwick, 3266.
Stericker Bros.....	Springfield, Ill.	"Tureomas," 3274.
Huston, John C.....	Blandinsville.	Salisbury.
do .....	do	Robert the Bruee (3080.)
Blair Bros. & Cury.....	Aurora, Ills.	Pride of the Glen. (5381.)
do .....	do	Stund.
do .....	do	Grand Times (2843.)
do .....	do	Glenard. (2479.)
Henry Bros.....	Indianapolis.	Tip Top.
Niles, William.....	La Porte, Ind.	Daring Foe.
Moffat & Bro., Wm.....	Paw Paw.	Corning Vol. IV.
Cater Bros.....	Libertyville, Ills.	Champion Armatheroite.

## Stallion—Age 3 and under 4 Years.

Holloway, Robert.....	Alexis, Ills.	Pointsman Again.
Galbraith Bros.....	Janesville, Wis.	Blantyre Chief.
do .....	do	Holyrood.
Banks & Hilt.....	do	Grand Typo. 3269.
Huston, John C.....	Blandinsville, Ills.	The Mahdi.
do .....	do	Sir Christopher.
do .....	do	Mae Brayne.
Blair Bros & Cury .....	Aurora, Ills.	Lead the Way.
Moffat & Bro., Wm.....	Paw Paw	Baron Victor 2415.
Raeseide Bros.....	Waukegan, Ills.	Tamworth.

## Stallion—Age 2 and under 3 Years.

Door Prairie L. S. Ass'n.....	Door Village, Ind.	Laird of Moray.
Holloway, Robt.....	Alexis, Ills.	Steadfast.
Galbraith Bros.....	Janesville, Wis.	Earl of Tornorrock.
do .....	do	Dollar Yet.
do .....	do	Grahams Fancy.
do .....	do	Benquillian.
Benks & Hilt.....	Laporte, Ind.	Belaire of Oakland 2157.
Hunter, Alex.....	Caladonia, Ills.	Lord James.
Huston, John C.....	Blandinsville, Ills.	Diamond Cross.
do .....	do	Wrangler.
do .....	do	Privateer.
do .....	do	Auchenbonie.
Moffatt & Bro., Wm.....	Paw Paw.	Corsair 3d, Vol. IV.
Raeseide Bros.....	Waukegan.	Leander.
Ogilvie, R. B.....	Madison, Wis.	MeQueen.
do .....	do	Gladstone of Oak Park

## Mare—Age 4 Years and Over.

Door Prairie L. S. Ass'n.....	Door Village, Ind.	Leoline.
Holloway, Robt.....	Alexis, Ills.	Cherry Pipe.
Galbraith Bros.....	Janesville, Wis.	Beauty.



## HORSES—CLASS B—CONTINUED.

Huston, John C.....	Blandinsville, Ills.	Darling.
Raeside Bros.....	Waukegan.	Gracy.
Ogilvie, R. B.....	Madison, Wis.	Olive of Jordonstone.
do.....	do	Nettie of Jordanstone.

## Mare—Age 3 and under 4 Years.

Hunter, Alex.....	Caladonia, Ills.	Betty Rodger.
Galbraith Bros.....	Janesville, Wis.	Liby.

## Mare—Age 2 and under 3 Years.

Holloway, Robt.....	Alexis, Ills.	Minnie Tarbroch.
do.....	do	Belle do
Banks & Hilt.....	LaPorte, Ind.	Sarah, 2791.
Huston, John C.....	Blandinsville, Ill.	Maud of Oat Grove.
Ogilvie, R. B.....	Madison, Wis.	Queen of Lyons.

## Lot 32—English Shire. (Full Blood.)

## Stallion—Age 4 Years and Over.

Brown, Geo. E. & Co.....	Aurora, Ills.	Holland Major.
do do.....	do	King John.
Galbraith Bros.....	Janesville, Wis.,	Agricola, 2700.
do.....	do	Caractacas, 3018.
do.....	do	Buckdew, 4921.
do.....	do	The Centaur 4989.
Beeket, Jas. D.....	Chicago	King Spark.
Blair Bros & Cury.....	Aurora, Ills.	Stokley Tom. 5364.
do.....	do	Saxon, 4673.
do.....	do	Blythe Tom 2993.
Burgess Bros.....	Winona.	Beaconsfield 2d 2579.
do.....	do	Broughton Prince, 3503.
Cater Bros.....	Libertyville	Fop Gallant.

## Stallion—Age 3 and Under 4 Years.

Brown, Geo. & Co.....	Aurora, Ills.	Lord Byron.
do.....	do	Don Pedro.
do.....	do	Knight Templar.
do.....	do	Lincoln.
do.....	do	Portland Wonder.
do.....	do	Carter.
do.....	do	Eagle.
Galbraith Bros.....	Janesville, Wis.	Prince Royal, 4626.
do.....	do	Satisfaction, 5327.
do.....	do	Bold Prince, 4263.
do.....	do	Ambassador, 2d, Vol. IX.
Blair Bros. & Cury.....	Aurora, Ills.	Master Piece, 5200.
do.....	do	Blyths Matchless.
Burgess Bros.....	Winona	Arbitrator, 4802.
do.....	do	Lothair, 5184.
Carter Bros.....	Libertyville	Jubilee.

## Stallion—Age 2 and Under 3 Years.

Brown, Geo. E. & Co.....	Aurora, Ills.	Horeld Champion.
do.....	do	Fop Gallant.
do.....	do	Aurora Champion.
do.....	do	Hartington.
do.....	do	Bay Chapel.
do.....	do	Deeping Plowboy.
do.....	do	Active.
do.....	do	Proud Tom.
Galbraith Bros.....	Janesville, Wis.	Sir Roper, 2d, 5548.
do.....	do	Grove Spark, 5092.
do.....	do	Carlton Thumper, 4940.
do.....	do	Sprotbro Matchl's, Vol IX.
Sterieker Bros.....	Springfield, Ills.	"Sargent," 5332.
Beckett, Jas. D.....	Chicago, Ills.	Brown Prince.
Burgess Bros.....	Wenona	Dauntless, Vol IX.
do.....	do	John O. Gaunt, 5141.

## HORSES—CLASS B.—CONTINUED.

## Mare—Age 4 Years and Over.

Galbraith Bros.....	Janesville, Wis.	Queen of Maryton, 140.
Burgess Bros.....	Wenona, Ills.	Lady Beaconsfield, 477.
do .....	do .....	Saltfleet Camelia, 456.

## Mare—Age 3 and Under 4 Years.

Stericker Bros.....	Springfield, Ills.	"Sousie," Vol. VIII.
Blair Bros & Cury.....	Aurora, Ills.	Queen of Trumps.
Burgess Bros.....	Wenona, Ills.	Wenona Queen, 452.

## Mare—Age 2 and Under 3 Years.

Blair Bros & Cury.....	Aurora, Ills.	Hetty.
do .....	do .....	The Princess.
Burgess Bros.....	Wenona, Ills.	Lady Bradshaw, Vol. IX.

## CLASS C---SHEEP.

## Lot 34—Southdown.

## Age over 2 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov..... 1886.	Name of Animal.	Breed.
Apr. 3, 1885	J. H. Potts & Son, Jacksonville, Ill.....	950	Ed.....	.....
Mar. 25, 1885	do do .....	959	Allen.....	.....
May 10, 1885	John Rutherford, Roseville, Ontario.....	913	Little Jumbo.	.....
Feb. 15, 1884	Mrs. Ann Newton, Pontiac, Mich.....	1364	Stanford.....	.....
Mar. 10, 1885	do do .....	974	Anderson.....	.....
.....	T. W. Harvey, Turlington, Neb.....	...	Remarkable..	.....
.....	do do .....	...	Graceful.....	.....
Mar. 3, 1885	E. & A. Stanford, Styning, England.....	983	David.....	.....
Mar. 3, 1885	do do .....	981	Daniel.....	.....
Mar. 5, 1885	do do .....	979	Darius .....	.....

## Age 1 and under 2 Years.

.....	J. F. Rundel.....	.....	Kentucky.....	.....
Feb. 25, 1886	J. H. Potts & Son, Jacksonville, Ill.....	622	Larry.....	.....
Apr. 15, 1886	do do .....	573	Elliott.....	.....
Apr. 16, 1886	do do .....	572	Pickrell.....	.....
May 8, 1886	Jno. Rutherford, Roseville, Ont.....	550	Victor.....	.....
Mar. 15, 1886	Mrs. Anne Newton, Pontiac, Mich.....	604	Beatty.....	.....
.....	T. W. Harvey, Turlington, Neb.....	.....	Exquisite.....	.....
.....	do do .....	.....	MuttonChops	.....
Mar. 2, 1886	E. & A. Stanford, Steyning, Eng.....	617	Don.....	.....
Mar. 4, 1886	do do .....	615	Doctor.....	.....
Mar. 7, 1886	do do .....	612	Dan.....	.....
Mar. 9, 1886	do do .....	610	"D".....	.....

## Under 1 Year.

Feb. 23, 1887	J. H. Potts & Son, Jacksonville, Ill.....	259	Charlie.....	.....
June 1, 1887	Jno. Rutherford, Roseville, Ont.....	161	Ned.....	.....
Apr. 18, 1887	Mrs. Anne Newton, Pontiac, Mich.....	215	Jeff.....	.....
Feb. 27, 1887	E. & A. Stanford, Steyning, Eng.....	255	Diomedas.....	.....
Feb. 26, 1887	do do .....	256	Dio.....	.....
Mar. 1, 1887	do do .....	253	Delos.....	.....
Mar. 7, 1887	do do .....	252	Discard.....	.....

## Lot 35—Shropshire.

## Age over 2 Years.

.....	J. F. Rundell, Birmingham, Mich.....	.....	Duke.....	.....
June 1, 1885	B. Waddle, Marion, Ohio.....	891	Pet.....	.....
Mar. 29, 1885	Geo. Allen & Son, Archie, Ill.....	955	Model.....	.....
April 3, 1885	do do .....	950	Beauty.....	.....
April 4, 1885	do do .....	949	Dandy .....	.....



## SHEEP—CLASS C.—CONTINUED.

April 25, 1885	Jno. Rutherford, Roseville, Ontario.....	928	Captain.....	.....
Mar. 18, 1884	Mrs. Ann Newton, Pontiac, Mich.....	1331	Allen.....	.....

## Age 1 and under 2 Years.

.....	J. F. Rundel, Birmingham, Mich.....	.....	Choice.....	.....
May 25, 1886	Geo. Allen & Son, Archie, Ill.....	533	Charlie .....	.....
June 5, 1886	do do .....	522	Model 2d.....	.....
April 12, 1886	do do .....	576	Patent.....	.....
May 1, 1886	Jno. Rutherford, Roseville, Ont.....	557	Brown.....	.....
Feb. 16, 1886	Mrs. Ann Newton, Pontiac, Mich.....	637	Bradburn.....	.....

## Age under 1 Year.

.....	J. F. Rundel, Birmingham, Mich.....	.....	Handy.....	.....
Jan. 4, 1887	Geo. Allen & Son .....	309	Bar None.....	.....
April 27, 1887	do .....	145	Charley 2d...	.....
May 2, 1887	do .....	191	Model 3d.....	.....
May 10, 1887	Jno. Rutherford, Roseville, Ont... ..	183	Henry.....	.....
May 4, 1887	do do .....	189	Sampson... ..	.....
May 14, 1887	do do .....	179	Jim.....	.....
Feb. 12, 1887	Mrs. Ann Newton, Pontiac, Mich.....	270	Bradburn, Jr.	.....

## Lot 36—Hampshire.

## Age over 2 Years.

.....	J. F. Rundel.....	.....	Able.....	.....
April 20, 1884	Jno. Rutherford .....	1299	Dandy.. ..	.....
Jan. 13, 1885	Mrs. Ann Newton, Pontiac, Mich.....	1030	Keene.....	.....
April 28, 1885	do do .....	925	Rowfant.....	.....
April 20, 1885	R. J. Stone, Stonington, Ill.....	933	Hudson.....	.....

## Age 1 and under 2 Years.

.....	J. F. Rundel, Birmingham, Mich.....	.....	Mark.....	.....
May 3, 1886	Jno. Rutherford, Roseville, Ont.....	555	Charlie.....	.....
Mar. 12, 1886	Mrs. Anne Newton, Pontiac, Mich.....	607	Lampton .....	.....
Apr. 14, 1886	do do .....	574	Bart.....	.....

## Age Under 1 Year.

.....	J. F. Rundel, Birmingham, Mich.....	.....	A. H.....	.....
May 6, 1887	Jno. Rutherford, Roseville, Ont.....	187	Stanford.....	.....
Apr. 27, 1887	Mrs. Anne Newton, Pontiac, Mich.....	196	Hood.....	.....
Apr. 17, 1887	do do .....	206	Dandy.....	.....

## Lot 37—Oxfords.

## Age over 2 Years.

May 25, 1883	F. F. Wells, Kenny, Ill.....	.....	Dick.....	.....
Jan. 29, 1885	Mrs. Anne Newton, Pontiac, Mich.....	1014	Blodgett.....	.....
Feb. 28, 1885	do do .....	984	do Jr.....	.....
Apr. 26, 1885	R. J. Stone, Stonington, Ill.....	927	Champion.....	.....
Apr. 30, 1885	do do .....	923	Tuck.....	.....

## Age 1 and under 2 Years.

Mar. ..., 1886	J. E. Powis, Wayne, Ill.....	.....	Prince of Wayne, 1107	.....
Apr. ..., 1886	do do .....	.....	Hope of Wayne, 1108	.....
Apr. 26, 1886	Jno. Rutherford, Roseville, Ont.....	562	George.....	.....
Feb. 18, 1886	Mrs. Anne Newton, Pontiac, Mich.....	628	Camperdam..	.....
Apr. 20, 1885	R. J. Stone, Stonington, Ill.....	568	The Student..	.....
Apr. 20, 1886	do do .....	568	Professor.....	.....

## Age Under 1 Year.

Apr. 1, 1887	Mrs. Anne Newton, Pontiac, Mich.....	213	Star.....	.....
Apr. 28, 1887	R. J. Stone, Stonington, Ill.....	195	Clipper.....	.....
Apr. 29, 1887	do do .....	192	Treadwell.....	.....

## SHEEP—CLASS C—CONTINUED.

## Lot 38—Cotswold.

## Age over 2 Years.

Mar. 23, 1887	Frank Wilson, Jackson, Mich.....	961	Mottle.....	.....
Mar. 25, 1885	do	961	Mottle King..	.....
Apr. 10, 1888	John Rutherford, Roseville Ont.....	943	Cherry.....	.....
Mar. 28, 1884	Mrs. Anna Newton, Pontiac, Mich....	1321	Waters.....	.....

## Age 1 and under 2 Years.

Mar. 28, 1886	Frank Willson, Jackson, Mich.....	591	Bonnie.....	.....
Mar. 16, 1886	do	603	Leonard.....	.....
May 1, 1886	John Rutherford, Roseville. Ont.....	557	Wakefield....	.....
May 1, 1886	do	557	Peter.....	.....
Mar. 19, 1886	Mrs. Anne Newton, Pontiac, Mich.....	600	Rockwood....	.....

## Age under 1 Year.

Apr. 6, 1887	Frank Willson, Jackson, Mich.....	217	Fred.....	.....
Apr. 9, 1886	do do	214	Frank.....	.....
June 1, 1887	John Rutherford, Roseville, Ont.....	161	Weeks.....	.....
Apr. 9, 1887	Mrs. Anne Newton, Pontiac, Mich.....	214	Beatty.....	.....

## Lot 39—Leicester.

## Age over 2 Years.

Apr. 20, 1885	John Rutherford, Roseville, Ont.....	933	Jack.....	.....
Apr. 25, 1885	do do	928	Sandie.....	.....
Apr. 30, 1885	do do	923	Dick.....	.....
Mar. 22, 1885	Mrs. Anne Newton, Pontiac, Mich.....	962	Parkinson...	.....

## Age 1 and under 2 Years.

May 2, 1886	John Rutherford, Roseville, Ont.....	556	Sam.....	.....
May 14, 1886	do do	544	Harry .....	.....
Apr. 22, 1886	do do	566	Tom.....	.....
Apr. 4, 1886	Mrs. Anne Newton, Pontiac, Mich.....	584	Walker.....	.....

## Age under 1 Year.

.....	J. F. Rundel, Birmingham, Mich.....	.....	Canada....	.....
Apr. 15, 1887	John Rutherford, Roseville, Ont.....	208	Bill.....	.....
May 10, 1887	do do	183	Frank.....	.....
May 5, 1887	do do	188	Bob.....	.....
Apr. 8, 1887	Mrs. Anne Newton, Pontiac, Mich.....	215	Nicols.....	.....

## Lot 40—Lincoln.

## Age over 2 Years.

April 25, 1885	John Rutherford, Roseville, Ontario.....	927	Gordie Herod .....	.....
May 17, 1885	do do	906	Prince.....	.....
Nov. 27, 1885	Mrs. Ann Newton, Pontiac, Mich.....	957	Gurny.....	.....
April 20, 1885	John Rutherford, Roseville, Ontario.....	932	Hoyt .....	.....

## Age 1 and under 2 Years.

May 13, 1886	John Rutherford, Roseville, Ontario.....	545	Snowball....	.....
May 12, 1886	do do	586	Graham.....	.....
Mar. 20, 1886	Mrs. Ann Newton, Pontiac, Mich.....	599	Shaffer.....	.....

## Age under 1 Year.

April 29, 1887	John Rutherford, Roseville, Ontario .....	194	Joe .....	.....
May 5, 1887	do do	188	Lorne.....	.....
May 20, 1887	do do	173	Perry.....	.....
April 3, 1887	Mrs. Ann Newton, Pontiac, Mich .....	220	Bishop .....	.....



## SHEEP—CLASS C—CONTINUED.

## Lot 41.—Crosses (Grades Excluded).

## Age over 2 Years.

.....	J. F. Rundel, Birmingham, Mich.....	.....	Warwick.....	.....
April 25, 1884	F. F. Wells, Kenny, Ill.....	1293	Model.....	$\frac{1}{2}$ Merino.
May 9, 1884	Geo. Allen & Son, Archie, Ill.....	1279	Bobby.....	$\frac{1}{2}$ Cotswold.
April 21, 1885	do do ..	932	Bobby 2d.....	$\frac{3}{4}$ Shropshire.
May 22, 1885	John Rutherford, Roseville, Ont.....	911	Jumbo .....	$\frac{1}{4}$ Oxford.
April 4, 1885	do do .....	949	Ben.....	$\frac{1}{2}$ Shropshire.
April 24, 1885	do do .....	929	Tip .....	$\frac{1}{2}$ Oxford.
May 7, 1885	Mrs. Anne Newton, Pontiac, Mich.....	977	George.....	$\frac{1}{2}$ Shropshire.
May 14, 1885	do do .....	939	Dandy.....	$\frac{1}{2}$ Leicester.
.....	T. W. Harvey, Turlington, Neb.....	.....	Elegance.....	$\frac{1}{2}$ Southdown.
.....	do do .....	.....	Pride.....	$\frac{1}{2}$ Leicester.
.....	do do .....	.....	Turlington....	$\frac{1}{2}$ Hampshire.
.....	do do .....	.....	Nonesuch.....	$\frac{1}{2}$ Shropshire.
.....	do do .....	.....	Superb.....	$\frac{1}{4}$ Cotswold.
April 22, 1885	R. J. Stone, Stonington, Ill.....	931	Dandy.....	$\frac{1}{2}$ Merino.
April 10, 1887	S. H. Todd, Wakeman, Ohio.....	213	Monitor.....	$\frac{1}{2}$ Oxford.
				$\frac{1}{2}$ Southdown....

## Age 1 and under 2 Years.

.....	J. F. Rundel, Birmingham, Mich.....	.....	Ohio.....	.....
May 27, 1886	George Conley, Marshall, Mich.....	592	Dick.....	$\frac{1}{2}$ Shropshire.
May 27, 1886	Geo. Allen & Son, Archie, Ill.....	531	Bobby 3d.....	$\frac{1}{2}$ Merino.
May 14, 1886	do do .....	544	Ned 2d.....	$\frac{1}{2}$ Shropshire.
May 14, 1886	do do .....	544	do 3d.....	$\frac{1}{2}$ Oxford.
Feb. 28, 1886	J. H. Potts & Son, Jacksonville, Ill.....	619	Gates.....	$\frac{1}{2}$ Shropshire.
Feb. 28, 1886	John Rutherford, Roseville, Ont.....	568	Jerry.....	$\frac{1}{2}$ Hampshire.
April 22, 1886	do do .....	586	Smith.....	$\frac{1}{2}$ Southdown.
April 2, 1886	Mrs. Anne Newton, Pontiac, Mich.....	.....	Turpin .....	$\frac{1}{2}$ Cotswold.
.....	T. W. Harvey, Turlington, Neb.....	.....	How Nice.. :	$\frac{1}{2}$ Southdown.
.....	do do .....	.....	President.. :	$\frac{1}{2}$ Leicester.
.....	do do .....	.....	Governor....	do
.....	do do .....	.....	Standard....	$\frac{1}{4}$ Shropshire.
.....	do do .....	.....	Otoe Chief ..	$\frac{1}{2}$ Hampshire.
April 3, 1886	R. J. Stone, Stonington, Ill.....	558	Dick.....	$\frac{1}{2}$ Oxford.
April 25, 1886	do do .....	563	Tom .....	$\frac{1}{2}$ Southdown.
April 25, 1886	do do .....	563	Bill .....	do
April 15, 1887	S. H. Todd, Wakeman, Ohio.....	208	Monitor 2d....	do

## Age under 1 Year.

.....	J. F. Rundel, Birmingham, Mich.....	.....	William .....	.....
Mar. 15, 1887	Geo. Conley, Marshall, Mich.....	239	George .....	$\frac{1}{2}$ Shropshire.
April 9, 1887	Geo. Allen & Son, Archie, Ill.....	214	Bobby 4th.. :	$\frac{1}{2}$ Merino.
April 16, 1887	do do ..	207	do 5th.....	$\frac{3}{4}$ Shropshire.
May 14, 1887	John Rutherford, Roseville, Ont.....	179	Blake .....	$\frac{1}{4}$ Oxford.
May 4, 1887	do do .....	189	Snowball.....	$\frac{1}{2}$ Shropshire.
April 17, 1887	Mrs. Anne Newton, Pontiac, Mich.....	206	Ned.....	$\frac{1}{2}$ Lincoln.
.....	T. W. Harvey, Turlington, Neb.....	.....	Dandy.....	do
April 28, 1887	R. J. Stone, Stonington, Ill.....	195	Elliott.....	do
April 28, 1887	do do .....	195	do 2d.....	$\frac{1}{2}$ Oxford.
April 20, 1887	S. H. Todd, Wakeman, Ohio.....	203	Monitor 3d....	$\frac{1}{2}$ Southdown.

## SHEEP—CLASS C—CONTINUED.

## Lot 44— Pens.

## Pen Southdowns.

Pen to consist of Wether over 2 years old, Wether 1 and under 2 years old, wether under 1 year old.....

April 3, 1885	Potts, J. H. & Son, Jacksonville, Ill.....	950	Ed.....	.....
April 15, 1886	do do .....	573	Elliott.....	.....
Feb. 23, 1887	do .....	259	Charlie.....	.....
May 10, 1885	Rutherford, John, Roseville, Ont.....	913	LittleJumbo	.....
May 8, 1886	do do .....	550	Victor.....	.....
June 1, 1887	do do .....	161	Ned.....	.....
.....	Stanford, E. & A., Steyning, Eng.	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....
.....	do do .....	.....	.....	.....

## Pen Shropshires.

Mar. 25, 1885	Rundel, J. F. Birmingham, Mich.....	959	Duke.....	.....
Feb. 1, 1886	do do .....	646	Choice.....	.....
Feb. 16, 1887	do do .....	266	Handy.....	.....
April 3, 1885	Allen, Geo. & Son, Archie, Ill.....	950	Beauty.....	.....
April 12, 1886	do do .....	576	Patent.....	.....
Jan. 4, 1887	do do .....	309	Bar None.....	.....
Mar. 18, 1884	Newton, Mrs. Ann, Pontiac, Mich.....	1331	Allen.....	.....
Feb. 10, 1886	do do .....	637	Bradburn.....	.....
Feb. 12, 1887	do do .....	270	Bradburn, Jr	.....
April 25, 1885	Rutherford, John, Roseville, Ont.....	928	Captain.....	.....
May 1, 1886	do do .....	557	Brown.....	.....
May 4, 1887	do do .....	189	Sampson.....	.....

## Pen Hampshires.

Jan. 13, 1885	Newton, Mrs. Ann, Pontiac, Mich.....	1030	Keene.....	.....
March 12, 1886	do do .....	607	Lampton.....	.....
April 27, 1887	do do .....	196	Hood.....	.....
April 20, 1884	Rutherford, John, Roseville, Ont.....	1298	Dandy.....	.....
May 3, 1886	do do .....	555	Charley.....	.....
May 6, 1887	do do .....	187	Stanford.....	.....

## Pen Oxfords.

April 30, 1885	Stone, R. J., Stonington, Ill.....	923	Tuck.....	.....
April 20, 1886	do do .....	568	Professor.....	.....
April 28, 1887	do do .....	195	Clipper.....	.....
Jan. 29, 1885	Newton, Mrs. Ann, Pontiac, Mich.....	1014	Blodget.....	.....
Feb. 18, 1886	do do .....	628	Camperdown	.....
April 10, 1887	do do .....	213	Star.....	.....

## Pen Cotswolds.

.....	Rundel, J. F., Birmingham, Mich.....	.....	Mottle.....	.....
.....	do do .....	.....	Bonnie.....	.....
.....	do do .....	.....	Fred.....	.....
March 28, 1884	Newton, Mrs. Ann, Pontiac, Mich.....	1321	Waters.....	.....
March 19, 1886	do do .....	600	Rockwood..	.....
April 9, 1887	do do .....	214	Beauty.....	.....
April 10, 1885	Rutherford, John, Roseville, Ont.....	943	Cherry.....	.....
May 1, 1886	do do .....	557	Peter.....	.....
June 1, 1887	do do .....	161	Weeks.....	.....

## Pen Leicesters.

Mar. 22, 1885	Mrs. Ann Newton, Pontiac, Mich.....	362	Parkinson...	.....
April 4, 1886	do do .....	584	Walker.....	.....
April 8, 1887	do do .....	215	Nicols .....	.....
April 20, 1885	John Rutherford, Roseville, Ontario.....	933	Jack .....	.....
May 2, 1886	do do .....	.....	Sam.....	.....
April 15, 1887	do do .....	.....	Bill.....	.....



## SHEEP—CLASS C—CONTINUED.

## Pen Lincolns.

Mar. 27, 1885	Mrs. Ann Newton, Pontiac Mich.....	957	Guerry.....	
Mar. 20, 1886	do do .....	599	Shaffer.....	
April 2, 1887	do do .....	220	Bishop.....	
May 17, 1885	Jchn Rutherford, Roseville, Ontario.....	906	Prince.....	
May 1, 1886	do do .....	546	Graham .....	
May 20, 1887	do do .....	173	Perry.....	

## Pen Cross-Bred Wethers.

Mar. 19, 1885	J.F. Rundel, Birmingham, Mich.....	965	Warwick...	{ $\frac{1}{2}$ Shropshire.
Mar. 17, 1886	do do .....	602	Ohio.....	{ $\frac{1}{2}$ Cotswold.
Mar. 26, 1887	do do .....	228	William.....	{ $\frac{1}{2}$ Southdown.
Mar. 10, 1885	George Conley, Marshall, Mich.....	974	Ned .....	{ $\frac{1}{2}$ Cotswold.
Mar. 5, 1886	do do .....	614	Tom .....	{ $\frac{1}{2}$ Shropshire.
April 1, 1887	do do .....	222	Charlie.....	{ $\frac{1}{2}$ Cotswold.
May 9, 1884	Geo. Allen & Son, Archie, Ill.....	1279	Bobby.....	{ $\frac{3}{4}$ Shropshire.
May 14, 1886	do do .....	544	Ned 3d.....	{ $\frac{1}{4}$ Oxford.
April 9, 1887	do do .....	214	Bobby 4th..	{ $\frac{1}{2}$ Shropshire.
Mar. 7, 1885	Mrs. Ann Newton, Pontiac, Mich.....	977	George.....	{ $\frac{1}{2}$ Hampshire.
April 2, 1886	do do .....	586	Turpin.....	{ $\frac{1}{4}$ Oxford.
April 17, 1887	do do .....	206	Ned .....	
.....	T. W. Harvey, Turlington, Neb.....	.....	Turlington.	
.....	do do .....	.....	How Nice..	
.....	do do .....	.....	Dandy.	
April 22, 1885	R. J. Stone, Stonington, Ill.....	931	Dandy .....	{ $\frac{1}{2}$ Oxford.
April 20, 1885	do do .....	558	Dick.....	{ $\frac{1}{2}$ Southdown.
April 28, 1887	do do .....	195	Elliott.....	do
May 22, 1885	John Rutherford, Roseville, Ontario .....	901	Jumbo .....	{ $\frac{1}{2}$ Shropshire.
April 20, 1886	do do .....	568	Jerry.....	{ $\frac{1}{2}$ Lincoln.
May 14, 1887	do do .....	179	Blake.....	{ $\frac{1}{2}$ Southdown.
				{ $\frac{1}{2}$ Leicester.
				do

## Lot 46—Heaviest Fat Sheep.

## Open to All. Heaviest Wether—Any Age.

May 9, 1884	Geo. Allen & Son, Archie, Ill.....	1279	Bobby.....	{ $\frac{3}{4}$ Shropshire.
Mar. 22, 1885	John Rutherford, Roseville, Ont.....	901	Jumbo.	{ $\frac{1}{4}$ Oxford.
May 20, 1885	do do .....	933	Jack.....	{ $\frac{1}{2}$ Shropshire.
Jan. 13, 1885	Mrs. Ann Newton, Pontiac, Mich.....	1030	Keene.....	{ $\frac{1}{2}$ Lincoln.
.....	T. W. Harvey, Turlington, Neb. ....	.....	Remarkable..	Leicester.
.....	do do .....	.....	Graceful.....	Hampshire.
.....	do do .....	.....	Turlington...	
.....	do do .....	.....	Non Such.....	
Apr. 26, 1884	R. J. Stone, Stonington, Ill.....	1293	Perfection...	Oxford.
Apr. 30, 1885	do do .....	923	Tuck.....	do

## Lot 47—Dressed Carcass.

## Age over 2 Years.

Apr. 24, 1885	John Rutherford, Roseville, Ont.....	929	Tip.....	{ $\frac{1}{2}$ Southdown.
Mar. 10, 1885	Mrs. Ann Newton, Pontiac, Mich.....	974	Anderson.....	{ $\frac{1}{2}$ Leicester.
.....	T. W. Harvey, Turlington, Neb.....	.....	Remarkable..	Southdown.
.....	do do .....	.....	Graceful.....	
.....	do do .....	.....	Pride.....	
.....	do do .....	.....	Turlington...	
.....	do do .....	.....	Non Such.....	
.....	do do .....	.....	Superb.....	
Mar. 5, 1885	E. & A. Stanford, Steyning, Eng.....	979	Darius.....	Southdown.

## SHEEP—CLASS C—CONTINUED.

## Age 1 and under 2 Years.

May 1, 1886	John Rutherford, Roseville, Ont.....	557	Brown.....	Shropshire.
Apr. 2, 1886	Mrs. Anne Newton, Pontiac, Mich.....	586	Turpin.....	{ $\frac{1}{2}$ Shropshire. $\frac{1}{2}$ Hampshire.
.....	T. W. Harvey, Turlington, Neb.....	.....	Exquisite.....	.....
.....	do do .....	.....	MuttonChops .....	.....
.....	do do .....	.....	How Nice.....	.....
.....	do do .....	.....	President.....	.....
.....	do do .....	.....	Governor.....	.....
.....	do do .....	.....	Standard.....	.....
.....	do do .....	.....	Otoe Chief....	.....
Apr. 30, 1886	R. J. Stone, Stonington, Ill.....	558	Dick.....	{ $\frac{1}{2}$ Oxford. $\frac{1}{2}$ Southdown.
Mar. 7, 1886	E. & A. Stanford, Steyning, Eng.....	612	Dan.....	Southdown.

## Age under 1 Year.

May 4, 1887	John Rutherford, Roseville, Ont.....	179	Blake.....	{ $\frac{1}{2}$ Southdown. $\frac{1}{2}$ Leicester.
Apr. 1, 1887	Mrs. Ann Newton, Pontiac, Mich.....	206	Ned.....	{ $\frac{1}{2}$ Leicester. $\frac{1}{2}$ Shropshire.
.....	T. W. Harvey, Turlington, Neb.....	.....	Dandy.....	.....
Apr. 28, 1887	R. J. Stone, Stonington, Ill.....	195	Clipper.....	Oxford.
Mar. 1, 1887	E. & A. Stanford, Steyning, Eng.....	253	Delos.....	Southdown.

## Lot 49—Gain per Day.

## Wether—Over 6 Months of Age.

Showing greatest gain per day including weight at birth.

Apr. 16, 1887	Geo. Allen & Son, Archie, Ill.....	207	Bobby 5th.....	{ $\frac{3}{4}$ Shropshire. $\frac{1}{4}$ Oxford.
May 6, 1887	Jno. Rutherford, Roseville, Ont.....	187	Stanford.....	Hampshire.
May 5, 1887	do do .....	188	Lorne.....	Lincoln.
Apr. 15, 1887	do do .....	208	Bill.....	Leicester.
May 14, 1887	do do .....	179	Blake.....	{ $\frac{1}{2}$ Southdown. $\frac{1}{2}$ Leicester.
.....	Mrs. Ann Newton, Pontiac, Mich.....	.....	.....	.....
Apr. 28, 1887	R. J. Stone, Stonington, Ill.....	195	Clipper.....	Oxford.
Apr. 29, 1887	do do .....	194	Treadwell.....	do

## Lot 50—Cost of Production.

## Age over 2 Years.

Entries to be made on the prescribed form and verified by affidavit.

June 1, 1885	B. Waddell, Marion, O.....	891	Pet.....	Shropshire.
May 22, 1885	Jno. Rutherford, Roseville, Ont.....	901	Jumbo.....	{ $\frac{1}{2}$ Shropshire. $\frac{1}{2}$ Lincoln.



# CLASS D---SWINE.

## Lot 51—Berkshires.

### Age 12 and under 18 Months.

June 28, 1886	Frank Wilson, Jackson, Mich.....	499	Gallant Boy.. .....
June 28, 1886	do do .....	499	Royal Harry. ....
Sept. 28, 1886	W. A. Squier, Kenny, Ill.....	407	Macon.....
June 19, 1886	F. F. Wells, Kenny, Ill.....	508	Prince.....

### Age 6 and under 12 Months.

Nov. 28, 1886	W. A. Squier, Kenny, Ill.....	346	Prince of Kenny.....
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### Age under 6 Months.

May 22, 1887	W. A. Squire, Kenny, Ill.....	171	Prince.....
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## Lot 52—Poland China.

### Age 12 and under 18 Months.

July 9, 1886	H. H. Clark & Co., Onargo, Ill .....	488	Tom.....
Sept. 7, 1886	do do .....	428	Dick.....
Sept. 2, 1886	do do .....	433	Harry.....
June 8, 1886	R. J. Stone, Stonington, Ill .....	519	{ Stonington Boy.....
Aug. 20, 1886	W. P. Hayzlett, Bolckow, Mo ....	446	Rattler.....
Aug. 4, 1886	do do .....	462	Star.....
May 25, 1886	F. F. Wells, Kenny, Ill.....	533	Henry.....

### Age under 1 Year and over 6 Months.

Nov. 21, 1886	H. H. Clark & Co., Onargo, Ill.....	353	Joe.....
Dec. 27, 1886	do do .....	317	Ed.....
Nov. 10, 1885	W. P. Hazlett, Bolckow, Mo.....	364	Gordon.....

### Age under 6 Months.

May 2, 1887	H. H. Clark & Co., Onargo, Ill.....	191	Sam.....
May 2, 1887	do do .....	191	Dan.....

## Lot 53—Chester-White.

### Age 12 and under 18 Months.

Sept. 10, 1887	S. A. Todd, Wakeman, O.,.....	425	Get There....
Aug. 22, 1886	do do .....	444	Get There 2d..
July 4, 1886	J. R. Price & Son, Williamsville, Ill.....	493	Thoro'bred....

### Age 1 Year and over 6 Months.

Apr. 5, 1887	S. H. Todd, Wakeman, O.....	218	Tempest.....
Apr. 27, 1887	do do .....	195	Tempest 2d... ..
Jan. 10, 1887	J. R. Price & Son, Williamsville, Ill .....	303	Little Spot... ..
Jan. 10, 1887	do do .....	303	Croppy.....

### Age under 6 Months.

June 30, 1887	S. H. Todd Wakeman, O.....	132	Sunshine.....
May 10, 1887	do do .....	183	Sunshine 2d.. ..
May 15, 1887	J. R. Price & Son, Williamsville, Ill.....	178	Tom.....

## Lot 54—Essex.

### Age 12 and under 18 Months.

Oct. 14, 1886	Frank Willson, Jackson, Mich.....	391	Bogardus... ..
Sept. 1, 1886	E. T. Doney, Jackson, Mich.....	434	Clipper.....
Sept. 1, 1886	do do .....	434	Seller.....
May 20, 1886	F. F. Wells, Kenney, Ill.....	538	Blackey.....

## SWINE—CLASS D—CONTINUED.

## Age under 1 Year and over 6 Months.

Feb.	28,	1887	Frank Willson, Jackson, Mich.....	254	Albert.....	.....
Nov.	23,	1886	E. T. Doney, Jackson, Mich.....	351	Fortune.....	.....
Feb.	28,	1887	Frank Willson, Jackson, Mich. ....	254	June.....	.....
Nov.	29,	1886	F. F. Wells, Kenney, Ill.....	345	Nigger.....	.....

## Age under 6 Months.

July	4,	1887	Frank Willson, Jackson, Mich.....	128	Wonder.....	.....
July	7,	1887	E. T. Doney, Jackson, Mich.....	125	Billy Eye .....	.....
May	27,	1887	F. F. Wells, Kenney, Ill.....	166	Frank.....	.....

## Lot 55—Duroc Jersey Red.

## Age 12 and under 18 Months.

May	21,	1886	W. A. Squier, Kenny, Ill.....	537	Dictator.....	.....
May	17,	1886	Thomas Bennett, Rossville, Ill.....	541	Monarch.....	.....
May	17,	1886	do do .....	541	Empire.....	.....

## Age under 1 Year and over 6 Months.

Nov.	16,	1886	W. A. Squier, Kenny, Ill.....	358	Dave.....	.....
Feb.	11,	1887	Thomas Bennett, Rossville, Ill.....	271	Rover.....	.....
Mar.	29,	1887	do do .....	225	Dick .....	.....

## Age under 6 Months.

May	18,	1887	W. A. Squier, Kenny, Ill.....	175	Dick.....	.....
May	28,	1887	Thomas Bennett, Rossville, Ill.....	165	Charlie.....	.....

## Lot 56—Yorkshire.

## Age 12 and under 18 Months.

May	27,	1886	A. P. Chapman & Co., Sugar Grove, Ill...	531	Chub .....	.....
July	5,	1886	L. C. Henley, Mattoon, Ill.....	492	King .....	.....
July	20,	1886	do .....	477	Kido .....	.....
July	9,	1886	do .....	488	Kiser .....	.....

## Age under 1 Year and over 6 Months.

Dec.	17,	1886	L. C. Henley, Mattoon, Ill.....	327	Short .....	.....
Dec.	17,	1886	do .....	327	Shorter .....	.....

## Age under 6 Months.

July	3,	1887	L. C. Henley, Mattoon, Ill.....	129	Joe .....	.....
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## Lot 57—Suffolk.

## Age 12 and under 18 Months.

Oct.	13,	1886	Frank Willson, Jackson, Mich.....	392	William C. ....	.....
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## Age under 1 Year and over 6 Months.

Jan.	11,	1887	Frank Willson, Jackson, Mich.....	301	Hank.....	.....
Jan.	11,	1887	do .....	301	Henry.....	.....
Jan.	11,	1887	do .....	301	Harry.....	.....

## Age under 6 Months.

June	28,	1886	Frank Willson, Jackson, Mich. ....	134	Jim.....	.....
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## Lot 58—Victoria.

## Age 12 and under 18 Months.

July	4,	1886	Stone, R. J., Stonington, Ill.....	493	Lord Wilton..	.....
July	4,	1886	do do .....	493	Jake.....	.....
May	25,	1886	Davis, Geo. F. & Co., Dyer, Ind... ..	533	Bouncer.....	.....
Aug.	1,	1886	do do .....	465	Cleveland....	.....
Aug.	1,	1886	do do .....	465	Victor.....	.....



## SWINE—CLASS D—CONTINUED.

## Age Under 1 and Over 6 Months.

March 3, 1887	Stone, R. J., Stonington, Ill.....	251	Get There.....	.....
March 3, 1887	do do .....	251	Get There 2d .....	.....
March 3, 1887	do do .....	251	Get There 3d .....	.....
.....	Davis, Geo. F. & Co., Dyer, Ind.....	.....	Logan.....	.....

## Age Under 6 Months.

May 20, 1887	Stone, R. J., Stonington, Ill.....	173	Tom.....	.....
May 20, 1887	do do .....	173	Tom 2d.....	.....
July 1, 1887	Davis, Geo. F. & Co., Dyer, Ind.....	131	Fatty.....	.....

## Lot 59—Grades and Crosses.

## Age 12 and under 18 Months.

June 29, 1886	H. H. Clark & Co, Onarga, Ill.....	498	Sandy.....	{ 1/2 Poland China. 1/2 Jersey Red.
July 27, 1886	L. C. Henley, Mattoon, Ill.....	470	Good. ....	{ 1/2 Yorkshire. 1/2 Poland China.
July 27, 1886	do do .....	470	Better.....	do
Sept. 9, 1886	do do .....	426	Best.....	do
Sept. 10, 1886	F. F. Wells, Kenny, Ill.....	425	Spottie.....	{ 1/2 Essex. 1/2 Poland China.
July 15, 1886	S. H. Todd, Wakeman, O.....	482	Beauty.....	{ 3/4 Poland China. 1/4 Chester White.
Aug. 14, 1886	J. R. Price & Son, Williamsville, Ill.....	450	Spot.....	{ 1/2 Chester White 1/2 Native.
Aug. 14, 1886	do do .....	450	White.....	do

## Age under 1 Year and over 6 Months.

Nov. 20, 1886	H. H. Clark & Co., Onarga, Ill.....	354	Dandy.....	{ 7/8 Poland China. 1/8 Native.
Mar. 11, 1887	L. C. Henley, Mattoon, Ill.....	243	Jim.....	{ 3/4 Yorkshire. 1/4 Poland China.
Mar. 24, 1887	do do .....	230	Sam.....	{ 1/2 Yorkshire. 1/4 Poland China. 1/4 Berkshire.
Mar. 21, 1887	do do .....	233	Ed. ....	{ 1/2 Yorkshire. 1/2 Poland China.
Mar. 21, 1887	do do .....	233	Howe.....	do
Dec. 10, 1886	F. F. Wells, Kenny, Ill.....	334	All.....	{ 3/4 Poland China. 1/4 Native.
Mar. 10, 1886	do do .....	244	Bill.....	{ 7/8 Poland China. 1/8 Native.
Apr. 25, 1887	S. H. Todd, Wakeman, O.....	198	Peter .....	{ 1/2 Chester White 1/2 Poland China.
Apr. 25, 1887	do do .....	198	Peter 2d.....	do
Apr. 3, 1887	J. R. Price & Son, Williamsville, Ill.....	218	No. 1.....	{ 1/2 Chester White 1/2 Native.
Apr. 3, 1887	do do .....	218	No. 2.....	do

## Age under 6 Months.

May 10, 1887	H. H. Clark & Co., Onarga, Ill.....	183	Handy.....	{ 3/4 Poland China. 1/4 Native.
May 22, 1887	R. J. Stone, Stonington, Ill.....	171	Fatty.....	{ 1/2 Poland. 1/2 Berkshire.
July 16, 1887	L. C. Henley, Mattoon, Ill.....	116	Brick .....	{ 1/2 Yorkshire. 1/2 Poland China
May 12, 1887	F. F. Wells, Kenny, Ill.....	181	Sam.....	{ 15-16 Pol'd China 1-16 Berkshire.
May 15, 1887	S. H. Todd, Wakeman, O.....	178	Victor.....	{ 3/4 Chester White 1/4 Poland China

## Lot 63—Heaviest Fat Hog.

(Open to all.)

## Heaviest Barrow of any age.

June 8, 1886	J. R. Stone, Stonington, Ill.....	519	Stonington Boy .....	.....
May 17, 1886	Thomas Bennett, Rossville, Ill.....	541	Monarch .....	.....
.....	do do .....	.....	Sir Robert....	.....

## SWINE—CLASS D—CONTINUED.

May 25, 1886	Geo. F. Davis & Co., Dyer, Ind.....	533	Bouncer.....	.....
April 17, 1886	W. P. Hayzlett, Bolckow, Mo.....	571	Jumbo.....	.....

## Lot 64—Pens.

To consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

## Pen Berkshires.

Sept. 28, 1886	W. A. Squier, Kenny, Ill.....	407	Macon.....	.....
Nov. 28, 1886	do do .....	346	{ Prince of	.....
May 22, 1887	do do .....	171	{ Kenny.....	.....
			Prince.....	.....

## Pen Poland Chinas.

.....	H. H. Clark & Co., Onargo, Ill.....	.....	Tom.....	.....
.....	do do .....	.....	Joe .....	.....
.....	do do .....	.....	Sam.....	.....
.....	do do .....	.....	Dick Babbitt	.....
.....	do do .....	.....	Ed.....	.....
.....	do do .....	.....	Dan.....	.....

## Pen Essex.

Oct. 14, 1886	Frank Willson, Jackson, Mich.....	391	Bogardus...	.....
Feb. 28, 1887	do .....	254	Albert.....	.....
July 4, 1887	do .....	128	Wonder.....	.....
Sept. 1, 1886	E. T. Doney, Jackson, Mich.....	434	Clipper.....	.....
Nov. 23, 1886	do .....	351	Fortune.....	.....
July 7, 1887	do .....	125	Billy Eye...	.....
May 20, 1886	F. F. Wells, Kenney, Ill.....	538	Blackey .....	.....
Nov. 29, 1886	do .....	345	Nigger.....	.....
May 27, 1887	do .....	166	Frank.....	.....

## Pen Duroc Jersey Reds.

May 21, 1886	W. A. Squier, Kenney, Ill.....	537	Dictator.....	.....
Nov. 16, 1886	do .....	358	Dave .....	.....
May 18, 1887	do .....	175	Dick.....	.....
May 17, 1886	Thomas Bennett, Rossville, Ill.....	541	Monarch .....	.....
Feb. 11, 1887	do .....	271	Rover .....	.....
May 28, 1887	do .....	165	Charlie.....	.....

## Pen Yorkshires.

July 5, 1886	L. C. Henley, Mattoon, Ill.....	492	King .....	.....
Dec. 17, 1886	do .....	327	Short.....	.....
July 3, 1887	do .....	129	Joe .....	.....

## Pen Suffolks.

Oct. 13, 1886	Frank Willson, Jackson, Mich.....	392	William C.	.....
Jan. 11, 1887	do .....	301	Hank.....	.....
June 28, 1887	do .....	134	Jim.....	.....

## Pen Victorias.

July 4, 1886	R. J. Stone, Stonington, Ill.....	493	Lord Wilton	.....
Mar. 3, 1887	do .....	251	Get There.	.....
May 20, 1887	do .....	173	Tom.....	.....
Aug. 1, 1886	Geo. F. Davis & Co, Dyer, Ind.....	465	Victor.....	.....
Nov. 30, 1886	do .....	344	Logan.....	.....
July 1, 1887	do .....	131	Fatty.....	.....

## Pen Grades and Crosses.

June 29, 1886	H. H. Clark & Co., Onarga, Ill.....	498	Sandy.....	{ ½ Poland China.
Nov. 20, 1886	do do .....	354	Dandy.....	{ ½ Jersey Red.
				{ ¾ Poland China.
				{ ⅛ Native.



## SWINE— CLASS D—CONTINUED.

May 10, 1887	H. H. Clark & Co., Onarga, Ill.....	183	Handy.....	{ $\frac{3}{4}$ Poland China. $\frac{1}{4}$ Native.
July 27, 1886	L. C. Henley, Mattoon, Ill.....	470	Good.....	{ $\frac{1}{2}$ Yorkshire. $\frac{1}{2}$ Poland China.
Mar. 11, 1887	do do .....	243	Jim.....	{ $\frac{3}{4}$ Yorkshire. $\frac{1}{4}$ Poland China.
July 16, 1887	do do .....	116	Brick.....	{ $\frac{1}{2}$ Yorkshire. $\frac{1}{2}$ Poland China
Sept. 10, 1886	F. F. Wells, Kenney, Ill.....	425	Spottie.....	{ $\frac{1}{2}$ Essex. $\frac{1}{2}$ Poland China.
Dec. 10, 1886	do do .....	334	All ....	{ $\frac{3}{4}$ Poland China. $\frac{1}{4}$ Native.
May 12, 1887	do do .....	181	Sam.....	{ 15-16 Poland Ch. 1-16 Berkshire.

## Lot 66—Dressed Carcass.

Not less than two entries will be considered in each ring. Best Carcass of Barrow, 12 and under 18 months.

May 21, 1886	W. A. Squier, Kenney, Ill.....	537	Dictator.....	Duroc.....
July 9, 1886	H. H. Clark & Co., Onarga, Ill.....	488	Tom.....	Poland China .....
Sept. 7, 1886	do do .....	433	Harry.....	do .....
July 4, 1886	R. J. Stone, Stonington, Ill.....	493	Lord Wilton..	Victoria.....
.....	L. C. Henley, Mattoon, Ill.....	.....	.....	.....
.....	Geo. F. Davis & Co., Dyer, Ind.....	.....	.....	.....

Best Carcass of Barrow under 1 year old.

May 22, 1887	W. A. Squier, Kenney, Ill.....	171	Prince.....	.....
Nov. 16, 1886	do do .....	358	Dave.....	.....
Nov. 21, 1886	H. H. Clark & Co., Onarga, Ill.....	353	Joe.....	.....
May 2, 1887	do do .....	191	Sam.....	.....
May 2, 1887	do do .....	191	Dan .....	.....
May 20, 1887	R. J. Stone, Stonington, Ill. ....	173	Tom.....	.....
.....	do .....	.....	.....	.....
.....	L. C. Henley, Mattoon, Ill.....	.....	.....	.....
.....	Geo. F. Davis & Co., Dyer, Ind.....	.....	.....	.....
.....	W. P. Hayzlett, Bolckow, Mo.....	.....	.....	.....

## Lot 67—Gain per Day.

Barrow over 6 months of age, showing largest average gain per day, including weight at birth.  
Entries to be accompanied by affidavit giving exact age.

Nov. 16, 1886	W. A. Squier, Kenny, Ill.....	358	Dave .....	Duroc.
Dec. 7, 1886	A. P. Chapman & Co., Sugar Grove, Ill.....	337	Victor.....	Gothland.
Dec. 27, 1886	H. H. Clark & Co., Onarga, Ill.....	317	Ed .....	Poland-China.
.....	L. C. Henley, Mattoon, Ill.....	.....	.....	.....
Sept. 1, 1886	E. T. Doney, Jackson, Mich.....	434	Clipper.....	Essex.
Nov. 23, 1886	do do .....	351	Fortune.....	Essex.

# CLASS N-DAIRY.

E. E. CHESTER, Superintendent.

## Lot 92—Butter Made in Illinois.

Dairy Butter.

Mrs. C. Harding.....Ridgeville | Richard Hawkey.....Harlem

Creamery Butter, Whole Milk.

P. O. Hallbeck.....West Salem | Thayer Refrgr. Co.....Chicago  
do .....do

Creamery Butter, Gathered Cream

L. McDonough.....Davis Junction

## Lot 93—Butter Made in Indiana.

Dairy Butter.

Geo. F. Davis & Co.....Dyer

## Lot 94—Butter Made in Iowa.

Dairy Butter.

A. M. Bingham.....Jesup | Thomas B. Wales.....Iowa City  
D. C. Younker.....Hampton | do do

## Lot 95—Butter Made in Michigan.

Creamery Butter, Gathered Cream.

Peerless Creamery Co.....Romeo

## Lot 96—Butter Made in Minnesota.

Dairy Butter.

F. D. Holmes.....Owatonna

Creamery Butter, Whole Milk.

F. D. Holmes.....Owatonna | A. F. Jones.....Clear Lake

Creamery Butter, Gathered Cream.

F. D. Holmes.....Owatonna

## Lot 97—Butter Made in Wisconsin.

Dairy Butter.

H. Z. Fish.....Richland Centre

Creamery Butter, Whole Milk.

H. Z. Fish.....Richland Centre

Creamery Butter, Gathered Cream.

H. Z. Fish.....Richland Centre

## Lot 98—Canada or Other State Not Named.

Dairy Butter.

N. L. Smith.....Lindenville, O. | N. L. Smith.....Lindenville, O.



## DAIRY—CLASS N—CONTINUED.

## Lot 101—Print Butter.

## Butter Made in Illinois.

Richard Hawkey.....Harlem | .....

## Butter Made in Iowa.

A. M. Bingham.....Jesup | .....

## Butter Made in Minnesota.

F. D. Holmes.....Owatonna | .....

## Butter Made in Wisconsin.

H. Z. Fish.....Richland Centre | .....

## Butter Made in Canada or any State not Named.

N. L. Smith..... Lindenville, O. | .....

## 103—Butter Made from the Milk of One Recorded Cow.

## Jersey Butter.

N. L. Smith.....Lindenville, O. | .....

## Holstein-Friesian Butter.

H. Z. Fish.....Richland Centre, Wis. | Thomas B. Wales.....Iowa City, Iowa

..... | do do ..... do do

## Devon Butter.

J. W. Morse &amp; Son.....Verona, Wis. | .....

## Butter from Unrecorded Grade or Cross-bred Cow.

Richard Hawkey.....Harlem, Ill | F. D. Holmes.....Owatonna, Minn.  
N. L. Smith.....Lindenville, O. | D. C. Younker.....Hampton, Ia.  
D. C. Younker.....Hampton Ia. | do ..... do do

## Lot 105—Miscellaneous.

## Display of Fancy Prints in Shipping Case.

A. M. Bingham.....Jesup, Ia. | N. L. Smith.....Lindenville, O.  
F. D. Holmes.....Owatonna, Minn. | .....

## Novel Design Made of Butter.

F. D. Holmes.....Owatonna, Minn. | .....

## Butter Made in the Exposition Building.

R. Lespinasse.....Chicago, Ill. | .....

## Display Granulated Butter in Glass.

A. M. Bingham.....Jesup, Ia. | F. D. Holmes.....Owatonna, Minn.  
P. O. Hallbeck.....West Salem, Ill. | N. L. Smith.....Lindenville, O.

## CHEESE.

## Lot 106—Cheese Made in Illinois.

## Cheddar Cheese.

P. G. Hallbeck.....West Salem | P. O. Hallbeck.....West Salem

## Flat Cheese.

P. O. Hallbeck.....West Salem | P. O. Hallbeck.....West Salem

## DAIRY—CLASS N—CONTINUED.

## Young America Cheese.

P. O. Hallbeck.....West Salem | P. O. Hallbeck.....West Salem

## Full Cream Cheese, Any Other Variety.

P. O. Hallbeck.....West Salem | P. O. Hallbeck.....West Salem

## Lot 108—Cheese Made in Iowa.

## Cheddar Cheese.

J. E. Neeley.....Grinnell | .....Grinnell

## Flat Cheese.

J. E. Neeley.....Grinnell | .....Grinnell

## Young America Cheese.

J. E. Neeley.....Grinnell | .....Grinnell

## Full Cream Cheese, Any Other Variety.

A. M. Bingham.....Jesup | J. E. Neeley.....Grinnell

## 110—Cheese Made in Minnesota.

## Cheddar Cheese.

F. D. Holmes.....Owatonna | A. F. Jones.....Clear Lake

## Flat Cheese.

F. D. Holmes.....Owatonna | A. F. Jones.....Clear Lake

## Young America Cheese.

F. D. Holmes.....Owatonna | A. F. Jones.....Clear Lake

## Full Cream Cheese, Any Other Variety.

F. D. Holmes.....Owatonna | A. F. Jones.....Clear Lake  
do do do

## Lot 111—Cheese Made in Wisconsin.

## Cheddar Cheese.

H. Z. Fish.....Richland Centre | .....Richland Centre

## Flat Cheese.

H. Z. Fish.....Richland Centre | .....Richland Centre

## Young America Cheese.

H. Z. Fish.....Richland Centre | .....Richland Centre

## Full Cream Cheese, Any Other Variety.

H. Z. Fish.....Richland Centre | .....Richland Centre

## Lot 112—Cheese Made in Canada or Any State Not Named,

## Cheddar Cheese.

E. A. Fobes.....Lindenville, O. | E. A. Fobes.....Lindenville, O

## Flat Cheese.

E. A. Fobes.....Lindenville, O. | E. A. Fobes.....Lindenville, O.



## DAIRY—CLASS N—CONTINUED.

## Young America Cheese.

E. A. Fobes.....Lindenville, O. | E. A. Fobes.....Lindenville, O.

## Full Cream Cheese, Any Other Variety.

E. A. Fobes.....Lindenville, O. | E. A. Fobes.....Lindenville, O.

## Lot 115—Dairy Implements, Etc.

## Display Butter-Making Utensils.

Union Indurated Fibre Co.....Chicago | Western Dairy Supply Co.....Chicago  
do do do .....do | .....

## Cream-Raising Utensils.

John Boyd.....Chicago | Mosely Pritchard Mfg. Co.....Clinton, Ia.  
Western Dairy Supply Co.....Chicago | .....

## Machinery for Dairy Use.

A. M. Bingham.....Jesup, Ia. | Dairy Implement Co.....Bellows Falls, Vt.  
Vermont Farm Machine Co., Bellows Falls, Vt. | Western Dairy Supply Co.....Chicago

## Butter and Cheese Packages.

Creamery Package Mfg. Co.....Chicago | Western Dairy Supply Co.....Chicago

## Butter and Cheese Color.

Western Dairy Supply Co.....Chicago | .....

## Dairy Salt.

Davies Warehouse and Supply Co.....Chicago | Warsaw Salt Co.....Warsaw, N. Y.  
Western Dairy Supply Co.....Chicago | .....

## Rennet or Rennetine.

Western Dairy Supply Co.....Chicago | Chr. Hansens Laboratory.....Chicago

## Refrigerators for Dairy Use.

Friend Bros.....Chicago | Lorillard Refrigerator Co.....Chicago  
Mosely-Pritchard Mfg. Co.....Clinton, Ia. | Western Dairy Supply Co.....Chicago

## Miscellaneous.

Thayer Refrigerator Co.....Chicago | Seaman Butter Carrier Co.....Clinton, Ia.  
Refrigerator Milk Can. | Butter Carrier

## Butter Exhibitors.

## Illinois.

NAME.	POSTOFFICE.	NAME.	POSTOFFICE.
Harding, Mrs. C. ....	Ridgeville	Lespinasse, R.....	Chicago
Hawkey, Richard.....	Harlem	L. McDonough.....	Davis Junction
Hallbeck, P. O.....	West Salem	Thayer Refrigerator Co.....	Chicago, Ill.

## Indiana.

Geo. F. Davis & Co.....Dyer | .....

## Iowa.

A. M. Bingham.....Jesup | Thos. B. Wales.....Iowa City  
D. C. Younker.....Hampton | .....

## Michigan.

Peerless Creamery Co.....Romeo | .....

## DAIRY—CLASS N—CONTINUED.

## Minnesota.

F. D. Holmes.....Owatonna | A. F. Jones.....Clear Lake

## Wisconsin.

H. Z. Fish.....Richland Centre | J. W. Morse & Son.....Verona

## Canada and other States not Named.

N. L. Smith.....Lindenville, O. | .....

## Cheese.

## Illinois.

P. O. Hallbeck.....West Salem | .....

## Iowa.

A. M. Bingham.....Jesup | J. E. Neeley.....Grinnell

## Minnesota.

F. D. Holmes.....Owatonna | A. F. Jones.....Clear Lake

## Wisconsin.

H. Z. Fish.....Richland Centre | .....

## Canada or any Other State not Named.

E. A. Fobes.... Lindenville, O. | .....

## Dairy Implements.

## Butter Making Utensils.

Union Indurated Fibre Co .....Chicago, Ill. | Western Dairy Supply Co .....Chicago, Ill.

## Cream Raising Utensils.

John Boyd.... Chicago, Ill. | Western Dairy Supply Co.....Chicago, Ill.  
Moseley Pritchard Mfg. Co.....Clinton, Ia. | .....

## Machinery for Dairy Use.

A. M. Bingham.....Jesup, Ia. | Vermont Farm Machine Co.....Bellows Falls, Vt.  
Dairy Implement Co.....Bellows Falls, Vt. | Western Dairy Supply Co.....Chicago, Ill.

## Butter and Cheese Packages.

Creamery Package Mfg. Co.....Chicago, Ill. | Western Dairy Supply Co.....Chicago, Ill.

## Butter and Cheese Color.

Western Dairy Supply Co.....Chicago, Ill. | Chr. Hansen's Laboratory.....Chicago, Ill.

## Dairy Salt.

Davies Warehouse Supply Co.....Chicago, Ill. | Warsaw Salt Co.....Warsaw, N. Y.

Western Dairy Supply Co.....Chicago, Ill. | .....

## Rennet or Rennetine.

Western Dairy Supply Co .....Chicago, Ill. | Chr. Hansen's Laboratory.....Chicago, Ill.

## Refrigerators for Dairy Use.

Friend Bros .....Chicago, Ill. | Moseley Pritchard Mfg. Co.....Clinton, Ia.  
Lorillard Refrigerator Co.....Chicago, Ill. | Western Dairy Supply Co.....Chicago, Ill.

## Miscellaneous.

Seaman Butter Carrier Co.....Clinton, Ia. | Thayer Refrigerator Co.....Chicago, Ill.



REPORT  
OF THE  
TENTH ANNUAL  
AMERICAN FAT STOCK SHOW,  
THE  
THIRD AMERICAN DAIRY SHOW,  
THE  
SECOND AMERICAN HORSE SHOW,  
AND THE  
AMERICAN POULTRY SHOW

HELD BY THE

**Illinois State Board of Agriculture**

IN THE

*EXPOSITION BUILDING, CHICAGO,*

NOVEMBER 8-18, 1887.

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SPRINGFIELD, ILL  
SPRINGFIELD PRINTING CO., STATE PRINTERS.  
1889.





# ILLINOIS STATE BOARD OF AGRICULTURE

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9th Dist.—John Virgin.....	Fairbury	19th Dist.—B. Pullen.....	Centralia
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Class B—Horses, other than draft, including speed.....	Mr. Lewis
Class B—Horses, Draft.....	Mr. Gore
Class C—Sheep.....	Mr. Rush
Class D—Hogs.....	Mr. Elliott
Class E—Poultry.....	Mr. Reed
Class F—Mechanics.....	Mr. David
Class G—Farm Products.....	Mr. Skeavington
Class H—Horticulture.....	Mr. Haskell
Class I—Fine Arts.....	Mr. Reynolds
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Class L—Science and Education.....	Mr. Bradley
Class M—Farm Machinery.....	Mr. Pullen
Class N—Dairy.....	Mr. Chester
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Superintendent of Forage and Stalls.....	Mr. Vittum
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Superintendent of Gates and Tickets.....	Mr. Pearce
Superintendent of Bureau of Information.....	Mr. David
Auditor.....	Mr. Washburn

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Committee on Finance.....	Messrs. Pearce, Gore, Lewis, Chester and Reynolds
Committee on Transportation.....	Messrs. Pearce, Vittum, Funk and Mills





# EXHIBITORS.

## CLASS A—CATTLE.

(The figures denote the number of the entries of each exhibitor.)

### SHORT-HORN—37 head.

Barclay, C. S., West Liberty, Ia.	3
Blish, C. C. & Son, Kewanee, Ill.	21, 33
Clark, N. P., St. Cloud, Minn.	28, 35
Doney, E. T., Jackson, Mich.	16
Elliott, Geo., Harristown, Ill.	32
Green, F. W., Olivet, Mich.	17
Hill, J. J., St. Paul, Minn.	1, 18
Moffat, Wm. & Bro., Paw Paw, Ill.	13, 14, 30, 31
Peak, J. R. & Son, Winchester, Ill.	8, 26, 27
Pickett, J. W., Plattsburg, Mo.	9, 10, 11, 29, 36
Potts, J. H. & Son, Jacksonville, Ill.	6, 7, 24, 25
Renick, W. H., Clintonville, Ky.	2, 19, 20
Sherman, John B., Chicago, Ill.	4, 15, 190
Waddel, B., Marion, O.	5, 22, 23, 24
White, W. S., Sabetha, Kan.	12

### HEREFORD—10 head.

Culbertson, C. M., Newman, Ill.	43
Earl, Adams, Lafayette, Ind.	38
Fowler & Van Natta, Fowler, Ind.	37, 44
Henry, G. W., Ashkum, Ill.	39
Iowa Hereford Cattle Co., Indianola, Ia.	40
Ponting, T. C., Moweaqua.	46
Smith, F. W., Columbia, Mo.	45
Waddel, B., Marion, O.	41
Wyoming Hereford Association, Cheyenne, Wy.	42

### DEVON—10 head.

Doney, E. T., Jackson, Mich.	47
Morse, J. W. & Son, Verona, Wis.	48, 49, 51, 54
Waddel, B., Marion, O.	53, 55
Younger, Wm., Fairbury, Ill.	50, 50½, 52

### ABERDEEN-ANGUS—10 head

Anderson & Findlay, Lake Forest, Ill.	57
Estill Bros., Estill, Mo.	62, 63
Harvey, T. W., Turlington, Neb.	56, 58, 59, 64, 65
Hill, J. J., St. Paul, Minn.	60, 61

### SUSSEX—4 head.

Lea, Overton, Nashville, Tenn.	67, 68, 69
Stanford, E. & A., Steyning, Eng.	66

## CROSS-BRED CATTLE.

## SHORT-HORN—HEREFORD—2 head.

Earl, Adams, Lafayette, Ind.....	70
Sherman, J. B., Chicago, Ill.....	191

## ANGUS—NATIVE—2 head.

Harvey, T. W., Turlington, Neb.....	85, 143
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## HEREFORD—NATIVE.

Leigh, Geo. & Co., Aurora, Ill.....	121
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## HEREFORD—WEST HIGHLANDER—1 head.

Sherman, J. B., Chicago, Ill.....	187
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## GALLOWAY—SHORT-HORN.

Inter-State Galloway Cattle Co., Kansas City, Mo.....	139
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## SHORT-HORN—NATIVE.

Davis, Geo. F. & Co., Dyer, Ind.....	140
White, Wm., Marion, Ind.....	189

## HEREFORD—DEVON.

Leigh, Geo. & Co., Aurora, Ill.....	108
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## ANGUS—SHORT-HORN—10 head.

Elliott, H. W., Estill, Mo.....	116
Hill, J. J., St. Paul, Minn.....	99
Smith, J. S., Bates, Ill.....	160, 161, 162, 163, 163, 165, 166, 167, 168

## DEVON—NATIVE.

Younger, Wm., Fairbury, Ill.....	98
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## GALLOWAY—NATIVE—5 head.

Norris, J. C. & Son, LaMoille, Ill.....	86, 87, 88, 89, 90
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## GRADES.

## GRADE SHORT-HORN—37 head.

Brown's, S. S. & Sons, Galena, Ill.....	159
Cline, J. N., Athens, Ill.....	72, 73, 94
Elliott, George, Harriestown, Ill.....	95
Eldridge, B. S., Galva, Ill.....	105, 106
Funkhouser, J. A., Plattsburg, Mo.....	78
Moffatt, Wm. & Bro, Paw Paw, Ill..	144, 178
Mann, Abraham, Rossville, Ill.....	109, 110, 111, 112
Moninger, D. M., Galvin, Ia.....	81, 82, 83, 113, 132, 174
Peak, J. R. & Son, Winchester.....	84, 114, 115, 134, 135, 175
Potts, J. H. & Son, Jacksonville, Ill.....	133
Renick, W. H., Clintonville, Ky.....	79, 102, 103, 156, 157
Sherman, J. B., Chicago, Ill.....	125, 192
White, W. S., Sabetha, Kan.....	122, 123
Varnum, H. B., Marshalltown, Ia.....	189

## GRADE HEREFORD—43 head.

Bertram, J. C., Bristol, Ill.....	124
Clark, Thos., Beecher, Ill.....	91



Clough, H. H. & Co., Elyria, O.....	107
Culbertson, C. M., Newman, Ill.....	74, 75, 76, 77
Earl, Adams, Lafayette, Ind.....	71, 93, 150, 169, 170
Funkhouser, J. A., Plattsburg, Mo.....	100, 101, 154, 155, 171, 172
Fowler & Van Natta, Fowler, Ind.....	80, 104, 158, 173
Henry, G. W., Ashkum, Ill.....	151, 152
Hudson, Jno., Moweaqua, Ill.....	96
Iowa Hereford Cattle Co., Indianola, Ia.....	149, 181
Leigh, Geo. & Co., Aurora, Ill.....	97
Price, J. R. & Son, Williamsville, Ill.....	128, 129, 147, 148, 180
Sherman, Jno. B., Chicago, Ill.....	92, 125, 126, 127, 145, 146, 179
Wilkinson & Dutton, Aurora, Ill.....	136, 137
Wilson Bros., Sugar Grove, Ill.....	138

#### GRADE ANGUS—7 head.

Elliott, H. W., Estill, Mo.....	117, 118, 176
Estill Bros., Estill, Mo.....	119, 177
Smith, J. S., Bates, Ill.....	130, 164

#### GRADE GALLOWAY—2 head.

Inter-State Galloway Cattle Co., Kansas City, Mo.....	120, 121
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#### GRADE SUSSEX—3 head.

Lea, Overton, Nashville, Tenn.....	141, 142
Younger, Wm. Fairbury, Ill.....	153

#### RANGE CATTLE—5 head.

Smith, J. S. & Co., Alzada, Mont.....	182, 183, 184, 185, 186
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### CLASS B—HORSES.

#### ROADSTER—34 head.

Baker, W. T., Bolivia, Ill.....	205, 213
Bergman, John, Chicago, Ill.....	207
Blass, J. H., Chicago, Ill.....	216, 219
Caton Stock Farm, Joliet, Ill.....	210, 216
Cooper, J. S., Chicago, Ill.....	220
Covert, George C., Chicago, Ill.....	195
Crockett, W. D. Waukegan, Ill.....	200
Cronholm, Chicago, Ill.....	203
Frazier, James, Chicago, Ill.....	223
Goss, S. F., Chicago, Ill.....	218
Heckinger Bros., Chicago, Ill.....	201
Hill, Ira A., Chicago, Ill.....	217
Kelley, John, Chicago, Ill.....	214
Kennett, F. J., Chicago, Ill.....	196
King, Rufus, Chicago, Ill.....	202, 208
Malony, M. S. Jr., Belvidere, Ill.....	217
Martindale, H. H., Chicago, Ill.....	213½
McFarland, H. J., Chicago, Ill.....	222
Moon, W. D., Chicago, Ill.....	197
Newman, John, Elgin, Ill.....	215
Olin, D. H., Chicago, Ill.....	204
Parker Bros., Hyde Park, Ill.....	212, 221
Romaine, J. H., Chicago, Ill.....	211
Ryan, J. F., Chicago, Ill.....	206
Shillington, Isaac, Waukegan, Ill.....	214
Sunderland, I. T., Chicago, Ill.....	198, 199
Swanbrough, J. W., Waukegan, Ill.....	209, 215
Wadsworth, James, Chicago, Ill.....	

#### CLEVELAND BAY—22 head.

Brown, George E. & Co., Aurora, Ill.....	225, 226, 227, 228, 232, 233, 234, 242, 243, 246
Cater Bros., Libertyville, Ill.....	241
Door Prairie Live Stock Association, Door Village, Ind.....	224
Galbraith Bros., Janesville, Wis.....	235, 236, 237
Iowa Hereford Cattle Co., Indianola, Ia.....	240
Stericker Bros., Springfield, Ill.....	230, 231, 238, 239, 244, 245

## SADDLE HORSES—17 head.

Baker, W. T., Bolivia, Ill .....	248
Billings, C. K. G., Chicago, Ill .....	260
Brooks, J. W., Chicago, Ill .....	255-263
Davis, George F. & Co., Dyer, Ind .....	247
Davis, Smith & Co., Fulton, Mo .....	252
Davis, W. H., Fulton, Mo .....	264
Dunne, Mrs. M. W., Chicago, Ill .....	250
Mathison, S., Chicago, Ill .....	249
Payne, R. S., Chicago, Ill .....	253
Rockwood, F. B., Chicago, Ill .....	254
Rockwood, Florence, Chicago, Ill .....	262
Rowe, D. M., Chicago, Ill .....	259
Russ, O. A., Chicago, Ill .....	251
Tippett, Henry, Chicago, Ill .....	256, 257
Wheeler, James, Chicago, Ill .....	258

## CARRIAGE OR COACH (other than Cleveland Bay)—36 head.

Baker, W. T., Bolivia, Ill .....	265, 266, 294
Beckett, James D., Chicago, Ill .....	277, 278
Cater Bros., Libertyville, Ill .....	281
Degen Bros., Ottawa, Ill .....	267, 268
Dunham, M. W. Wayne, Ill .....	282, 283, 284, 285, 286, 287, 288, 289, 293, 299, 300
Gray, James, Freeport, Ill .....	269, 270, 271, 272, 273, 274, 275, 276
Iowa Hereford Cattle Co., Indianola, Iowa .....	280
Johnson, Leonard, Northfield, Minn .....	279, 295, 296, 297
Martindale, H. H., Chicago, Ill .....	291, 292
Smith, George R., Shelbyville, Ky .....	293
Smith, George P., Chicago, Ill .....	301, 302
Virgin, John, Fairbury Ill .....	290

## PARK HORSES—3 head.

Burton, T., Chicago, Ill .....	305
Harvey, T. W., Turlington, Neb .....	304
Smith, George R., Shelbyville, Ky .....	303

## PONIES—24 head.

Bergen Bros., Manhattan, Ill .....	319, 320, 321, 322
Coy, Harry, Chicago, Ill .....	325
Degen Bros., Ottawa, Ill .....	307
Dupee, Jno., Jr., Chicago, Ill .....	330
Galbraith Bros., Janesville, Wis .....	306, 315, 316, 317
Gleason, H. J., Chicago, Ill .....	309
Gore, Jas, Chicago, Ill .....	313, 314
Huston, J. C., Blandinsville, Ill .....	308
Keenan, Robbie, Chicago, Ill .....	324
Murphy, J. C., South Evanston, Ill .....	326
Raeseide Bros., Waukegan, Ill .....	310, 318, 327
Robinson, J. K., Chicago, Ill .....	328
Russ, O. A., Chicago, Ill .....	312
Thompson, S. D., Wayne, Ill .....	311, 323

## MISCELLANEOUS—32 head.

Allerton, S. W., Chicago, Ill .....	342, 355
Baxter, A. J., " .....	339, 353
Brewster, E. L., " .....	360
Carson, J. D., " .....	347
Durkee, R. P. H., " .....	334
Dupee, Jno., Jr., " .....	350, 363
Frazier, Jas., " .....	343, 359
Fay, C. N., " .....	346
Field, Marshall, " .....	361
Henderson, C. M., " .....	352
Lester, Jno. T., " .....	337, 358
Ludington, Mrs. N., " .....	359
Munn, C. A., " .....	336
Martindale, H. H., " .....	338
McFarland, H. J., " .....	340
Nelson, C. O., " .....	344, 348
Palmer, Potter, " .....	354
Reynolds, F. L., " .....	341
Sackett, E. B., " .....	335
Schwartz, Chas., " .....	351, 357
Taylor, H. C., " .....	332, 345, 352, 356
Wilson, J. W., " .....	333



## FRENCH DRAFT—27 head.

Degen Bros., Ottawa, Ill.....	370
Dillon Bros., Normal, Ill.....	364, 377, 386, 387, 388, 389
Rogers, B. L., Lyons, Ia.....	371
Riley, T. G., Forest, Ill.....	374, 375, 385
Sass & Miller, Ancona, Ill.....	365, 366, 367, 368, 369, 383
Shauback & Eaton, Tonica, Ill.....	376
Virgin, John & Co., Fairbury, Ill.....	372, 373, 378, 379, 380, 381, 382, 384, 390

## PERCHERON—40 head.

Becket, Jas. D., Chicago, Ill.....	392, 400, 401
Degen Bros., Ottawa, Ill.....	391, 399, 413
Dillon Bros., Normal Ill.....	410, 411, 412, 419
Dunham, M. W., Wayne, Ill.....	396, 397, 402, 403, 404, 405, 406, 408, 409, 415, 416, 417, 418, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430
Johnson, Leonard, Northfield, Minn.....	393, 394, 395, 407, 414, 420
Malony, M. S., Jr., Belvidere, Ill.....	398

## BELGIAN—14 head.

Degen Bros., Ottawa, Ill.....	430, 436, 437, 441
Rogers, B. L., Lyons, Ia.....	431
Wabash Imp. Co., Wabash, Ind.....	432, 433, 434, 435, 438, 439, 440, 442, 443

## CLYDESDALE—71 head.

Blodgett, A. Z., Waukegan, Ill.....	506, 509, 515
Banks & Hilt, La Porte, Ind.....	451, 466, 480, 500
Blair Bros. & Curry, Aurora, Ill.....	455, 456, 457, 458, 471
Cater Bros., Libertyville, Ill.....	462
Door Prairie Live Stock Association, Door Village, Ind.....	474, 490
Galbraith Bros., Janesville, Wis.....	447, 448, 449, 450, 464, 465, 476, 477, 478, 479, 492, 497, 514
Henry Bros., Indianapolis, Ind.....	459
Holloway, Robt., Alexis, Ill.....	444, 445, 446, 463, 475, 491, 498, 499, 502, 503, 504, 507, 508, 511, 512, 513
Huston, J. C., Blandinsville, Ill.....	453, 454, 467, 468, 469, 470, 482, 483, 484, 485, 493, 510
Hunter, Alex, Caladonia, Il.....	481
Moffatt, Wm. & Bro., Paw Paw, Ill.....	461, 472, 486
Niles, Wm., La Porte, Ind.....	460
Ogilvie, R. B., Madison, Wis.....	488, 489, 495, 496, 501
Raeseide Bros., Waukegan, Ill.....	473, 487, 494, 505
Stericker Bros., Springfield, Ill.....	452

## ENGLISH SHIRE—53 head.

Brown, Geo. E. & Co., Aurora, Ill.....	516, 517, 529, 530, 531, 532, 533, 534, 535, 545, 546, 547, 548, 549, 550, 551, 552
Blair Bros. & Curry, Aurora, Ill.....	523, 524, 525, 540, 544, 565, 567, 568
Beckett, Jas., D., Chicago, Ill.....	522, 558
Burgess Bros., Wenona, Ill.....	526, 527, 541, 542, 563, 562, 566, 559, 560
Cater Bros., Libertyville, Ill.....	528, 543
Galbraith Bros., Janesville, Wis.....	518, 519, 520, 521, 536, 537, 538, 539, 553, 554, 555, 656, 561
Stericker Bros., Springfield, Ill.....	557, 564

## GRADE DRAFT HORSES—3 head.

Baldwin, W. W., Chicago, Ill.....	570
Ogilvie, R. B., Madison, Wis.....	571
Wilson, R. J., Hebron, Ind.....	569
Peabody, Brewster, Allegan, Mich.....	572

## CLASS C—SHEEP.

## SOUTHDOWN—27 head.

Harvey, T. W., Turlington, Neb.....	578, 579, 588, 589
Newton, Mrs. Ann, Pontiac, Mich.....	576, 577, 587
Potts, J. H. & Son, Jacksonville, Ill.....	573, 574, 584, 585, 594
Rundel, J. F., Birmingham, Mich.....	583
Rutherford, John, Roseville, Ont.....	575, 586, 595
Stanford, E. & A., Steyning, Eng.....	580, 581, 582, 590, 591, 592, 593, 596, 597, 598, 599

## SHROPSHIRE—23 head.

Allen, Geo. & Son, Archie, Ill . . . . .	602, 603, 604, 608, 609, 610, 614, 615, 616
Newton, Mrs. Ann, Pontiac, Mich . . . . .	602, 620
Rutherford, John, Roseville, Ill . . . . .	605, 611, 617, 618, 619
Rundel, J. F., Birmingham, Mich . . . . .	600, 607, 613
Todd, S. H. Wakeman, O . . . . .	612, 621, 622
Waddel, B., Marion, O . . . . .	601

## HAMPSHIRE—13 head.

Newton, Mrs. Ann, Pontiac, Mich . . . . .	625, 626, 630, 631, 634, 635
Rundel, J. F., Birmingham, Mich . . . . .	623, 628, 632
Rutherford, Jno., Roseville, Ont . . . . .	624, 629, 633
Stone, R. J., Stonington, Ill . . . . .	627

## OXFORD—12 head.

Newton, Mrs. Ann, Pontiac, Mich . . . . .	637, 638, 644, 647
Powis, J. E., Wayne, Ill . . . . .	641
Rutherford, John, Roseville, Ont . . . . .	643
Stone, R. J., Stonington, Ill . . . . .	639, 640, 645, 646, 648, 649

## COTSWOLD—11 head.

Newton, Mrs. Ann, Pontiac, Mich . . . . .	653, 658, 660
Rutherford, Jno., Roseville, Ont . . . . .	652, 656, 657, 659
Wilson, Frank, Jackson, Mich . . . . .	650, 651, 654, 655

## LEICESTER—13 head.

Newton, Mrs. Ann, Pontiac, Mich . . . . .	664, 668, 673
Rundel, J. F., Birmingham, Mich . . . . .	669
Rutherford, Jno., Roseville, Ont . . . . .	661, 662, 663, 665, 666, 667, 670, 671, 672

## LINCOLN—11 head.

Newton, Mrs. Ann, Pontiac, Mich . . . . .	676, 680, 684
Rutherford, Jno., Roseville, Ont . . . . .	674, 675, 677, 678, 679, 681, 682, 683

## CROSS-BRED SHEEP.

## SHROPSHIRE-COTSWOLD—2 head.

Rundel, J. F., Birmingham, Mich . . . . .	685, 719
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## MERINO-COTSWOLD.

Wells, F. F., Kenney, Ill . . . . .	686
Newton, Mrs. Ann, Pontiac, Mich . . . . .	693

## SHROPSHIRE-OXFORD.

Allen, Geo. & Son, Archie, Ill . . . . .	688, 703
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## SHROPSHIRE-LINCOLN—1 head.

Rutherford, Jno, Roseville, Ont . . . . .	689
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## SHROPSHIRE-LEICESTER—1 head.

Rutherford, Jno., Roseville, Ont . . . . .	690
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## SOUTHDOWN-LEICESTER—5 head.

Rutherford, Jno., Roseville, Ont . . . . .	691, 707, 708, 723, 724
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## OXFORD-SOUTHDOWN—6 head.

Stone, R. J., Stonington, Ill . . . . .	699, 715, 716, 717, 727, 723
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## SHROPSHIRE-MERINO—5 head.

Conley, George, Marshall, Mich. ....	702, 720
Todd, S. H., Wakeman, O .....	700, 718, 729

## SOUTHDOWN-COTSWOLD.

Potts, J. H. & Son, Jacksonville, Ill .....	706
Rundel, J. F., Birmingham, Mich .....	701

## SHROPSHIRE-HAMPSHIRE.

Allen, Geo. & Son, Archie, Ill .....	704, 705
Newton, Mrs. Ann, Pontiac, Mich .....	709

## LEICESTER-SHROPSHIRE.

Newton, Mrs. Ann, Pontiac, Mich .....	725
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## GRADES.

## GRADE SHROPSHIRE—3 head.

Allen, Geo. & Son, Archie, Ill .....	687, 721, 722
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## GRADE SOUTHDOWN—11 head.

Harvey, T. W., Turlington, Neb .....	694, 695, 696, 697, 698, 710, 711, 712, 713, 714, 726
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## CLASS D—SWINE.

## BERKSHIRE—6 head.

Squiers, W. A., Kenney, Ill .....	732, 734, 735
Wells, F. F., Kenney, Ill .....	733
Wilson, Frank, Mich .....	730, 731

## POLAND-CHINA—13 head.

Clark, H. H. & Co., Onarga, Ill .....	736, 737, 738, 744, 745, 747, 748
Hayzlett, W. P. Bolckow, Mo .....	740, 741, 746
Stone, R. J., Stonington, Ill .....	739
Todd, S. H., Wakeman, O .....	743
Wells, F. F., Kenney, Ill .....	742

## CHESTER WHITE—10 head.

Price, J. R. & Son, Williamsville, Ill .....	751, 754, 755, 758
Todd, S. H., Wakeman, O .....	749, 750, 752, 753, 756, 757

## ESSEX—11 head.

Doney, E. T., Jackson, Mich .....	760, 761, 764, 768
Wells, F. F., Kenney, Ill .....	762, 766, 769
Wilson, Frank, Jackson, Mich .....	759, 763, 765, 767

## DUROC JERSEY RED—8 head.

Bennett, Thos., Rossville, Ill .....	771, 772, 774, 775, 777
Squiers, W. A., Kenney, Ill .....	770, 773, 776

## YORKSHIRE—7 head.

Chapman, A. P. & Co., Sugar Grove, Ill .....	778
Henley, L. C., Mattoon, Ill .....	779, 780, 781, 782, 783, 784

## SUFFOLK—5 head.

Willson, Frank, Jackson, Mich .....	785, 786, 787, 788, 789
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## VICTORIA—12 head.

Davis, Geo. F. & Co., Dyer, Ind.....	792, 793, 794, 798, 801
Stone, R. J., Stonington, Ill.....	790, 791, 795, 796, 797, 799, 800

## CROSS-BRED SWINE.

## POLAND-CHINA-DUROC—1 head.

Clark, H. H. & C., Onarga, Ill.....	802
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## YORKSHIRE-POLAND-CHINA—7 head.

Henley, L. C., Mattoon, Ill.....	803, 804, 805, 813, 814, 823, 812
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## ESSEX-POLAND-CHINA—1 head.

Wells, F. F., Kenney, Ill.....	806
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## VICTORIA-POLAND-CHINA—2 head.

Todd, S. H., Wakeman, Ohio.....	817, 813
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## POLAND-CHINA-BERKSHIRE—1 head.

Stone, R. J., Stonington, Ill.....	822
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## GRADES.

## GRADE POLAND-CHINA—6 head.

Clark, H. H. & Co., Onarga, Ill.....	810, 821
Todd, S. H., Wakeman, Ohio.....	807
Wells, F. F., Kenney, Ill.....	815, 816, 824

## GRADE CHESTER WHITE—5 head.

Price, J. R. & Son, Williamsville, Ill.....	808, 809, 819, 820
Todd, S. H., Wakeman, Ohio.....	825

## GRADE YORKSHIRE—1 head.

Henley, L. C., Mattoon, Ill.....	811
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## CLASS E—POULTRY.

Anderson, L. B.....	Battle Creek, Mich.
Archibald, E. H.....	Petersburg, Ind.
Arnd, Henry.....	Odin, Ill.
Axford, H. W.....	Chicago, Ill.
Barron, Ed.....	Donnellson, Ill.
Berry, Jno. A.....	Houstonville, Pa.
Bonar, W. A.....	Coon Island, Pa.
Bower, J. K.....	Waukegan, Ill.
Bothwell, E. H.....	Buckley, Ill.
Bryant, W. E.....	Petersburg, Ill.
Byerly, L. A.....	Maryville, Mo.
Cage, C. B.....	Shelbyville, Ind.
Clark, W. H.....	Mechanicsburg, Ohio.
Clemmons, F. M.....	Mechanicsburg, Ohio.
Cleve, W. H.....	Buckley, Ill.
Cole, J. E.....	Ellmore, Ill.
Conner, M. M.....	Ada, Ohio.
Cook, Andy.....	Waukegan, Ill.
Cory, F. M.....	Shelbyville, Ind.
Davis, H. T.....	Dyer, Ind.
Davis, Henry.....	Dyer, Ind.
Doyle, Alfred.....	Blue Island, Ill.



Durley, John	Englewood, Ill.
Fitzgerald, R. E.	Marion, Iowa.
Flanders, P. W.	Elkhorn, Wis.
Foot, J. B.	Norwood Park, Ill.
Garford, E. A.	
Gast, G. F.	Prospect, Ohio.
Guthrie, S. W.	Homer City, Pa.
Harding Bros.	Ridgeville, Ill.
Hoover, F. R.	Chenoa, Ill.
Hughes, Theo.	Trenton, Mo.
Ingraham, Fred.	Waukegan, Ill.
Jackson, J. A.	Winnebago, Ill.
Johnson, J. H.	Maywood, Ill.
Judy, Mrs. R. A.	Edwardsville, Ill.
Keenan & Pool	Upper Sandusky, Ohio.
Lattin, N. T.	Gaines, N. Y.
Lehman, A. W.	
Leigh, Geo. & Co.	Aurora, Ill.
Little, M. H.	Palatine, Ill.
Luce, J. D.	Urbana, Ohio.
Masters, C. E.	Arlington Heights, Ill.
Magoon, C. C.	Washington Heights, Ill.
Mansfield, F. C.	Johnson's Creek, Wis.
McClave, Chas.	New London, Ohio.
McCracken, E. P.	Paxton, Ill.
McEwen, Thos.	McConnell's Mills, Pa.
Meredith, E. K.	Batavia, Ill.
Meredith, F. A.	Batavia, Ill.
Merritt, W. A.	Charlotte, Mich.
Moffatt, Wm. & Bro.	Paw Paw, Ill.
Mortimer, F. A.	Pottsville, Pa.
Oberlin, S. H.	Massillon, Ohio.
Olin, A. D.	Streetsboro, Ohio.
Oldfather, O. O.	Warsaw, Ind.
Pearce, C. B.	Grand Rapids, Mich.
Pitkin, Geo. T.	Chicago, Ill.
Prairie State In. Co.	Homer City, Pa.
Pratt, G. W.	Wauconda, Ill.
Prickett & Knisely	Columbia City, Ind.
Poucher, R. M.	Chicago, Ill.
Rhodes, C. H.	Topeka, Kan.
Reed, Jas.	Kankakee, Ill.
Reed, Jas.	Detroit, Mich.
Robertson, Mrs. W. D.	Rockford, Ill.
Sanford, E. A.	Markham, Ont.
Sanuding	Springfield, Ohio.
Schippel, F. A.	Chicago, Ill.
Schuerman, J. F.	Geneseo, Ill.
Sheldon, J. L.	Central Village, Conn.
Shellabarger, F. H.	Letts, Iowa.
Shield, F. E.	
Smith, H. C.	Chicago, Ill.
Smith & Hays	Madison, Wis.
Stoner, D. A.	Morocco, Ind.
Stump, A. E.	Bloomington, Ill.
Swartiger, Geo. F.	Kankakee, Ill.
Thatcher	Chicago, Ill.
Tobin, Jno. F.	Rochester, N. Y.
Town, L. A.	Grand Rapids, Mich.
Turck, Henry	Ellewood Place, Ohio.
Upson, E. H.	Wilmot, Ind.
Van Doren, W. H.	Buckingham, Ill.
Wheaton, W. L.	Wheaton, Ill.
White, J. E.	Chicago, Ill.
Wilde, O. O.	Hinsdale, Ill.
Williams, S. M.	Monroeville, Ind.
Woodcock, H. D.	Bridgeport, Ohio.
Woodward & Sewell	Evanston, Ill.
Worland, Theo.	Chicago, Ill.
Yorgey, J. M.	Horicon, Wis.
Young, E. F.	Decatur, Ill.

## CLASS N—DAIRY.

### BUTTER EXHIBITORS.

Adams & Son	Chillicothe, Mo.
Aurora Creamery Co.	Aurora, Ill.
Beckman, H. C.	Brunswick, Ind.

Bingham, A. M.	Jesup, Ia.
Bliss, D. A.	Genoa, Ill.
Cole, Ogden	Addison, Mich.
Davis, Geo. F. & Co.	Dyer, Ind.
Hawkey, Richard	Harlem, Ill.
Hallbeck, P. O.	West Salem, Ill.
Harding, Mrs. C.	Ridgeville, Ill.
Holmes, F. D.	Owatonna, Minn.
Hostetter, W. R.	Mt. Carroll, Ill.
Jefferson, Colvin	Kingston, Ill.
Jones, A. F.	Clear Lake, Minn.
Lespanasse, R.	Chicago, Ill.
Mead, R. H.	Galva, Ill.
Mead, C. W. & Co.	Manchester, Iowa.
McDonough, L.	Davis' Junction, Ill.
Moffatt, Wm. & Bro.	Paw Paw, Ill.
Morse, J. W. & Son.	Verona, Wis.
Peerless Creamery Co.	Romeo, Mich.
Racine Creamery	Racine, Wis.
Seaman, S. C.	Clinton, Iowa.
Smith, N. L.	Lindonville, Ohio.
Thayer Refrigerator Co.	Chicago, Ill.
Wales, Thomas B.	Iowa City, Iowa.
Wilson, D. W.	Elgin, Ill.
Yonker, P. L.	Hampton, Iowa.

## CHEESE EXHIBITORS.

Bingham, A. M.	Jesup, Iowa.
Carswell, F. E.	Lone Rock, Wis.
Durkee, H. W.	Milburn, Ohio.
Fish, H. Z.	Richland Center, Wis.
Fobes, E. A.	Lindenville, Ohio.
Hallbeck, P. O.	West Salem, Ill.
Holmes, F. D.	Owatonna, Minn.
Jones, H. F.	Clear Lake, Minn.
Neeley, J. E.	Grinnell, Iowa.
Parsons, E. B.	Rosendal, Wis.

## EXHIBITORS OF DAIRY IMPLEMENTS AND APPLI- ANCES.

Bingham, A. M.	Jesup, Iowa.
Boyd, John	Chicago, Ill.
Creamery Package Manufacturing Co.	Chicago, Ill.
Cobb, L. J.	Englewood, Ill.
Dairy Implement Co.	Bellows' Falls, Vt.
Davies' Warehouse Co.	Chicago, Ill.
Eureka Salt Co.	New York, N. Y.
Friend Bros.	Chicago, Ill.
Genesee Salt Co.	Chicago, Ill.
Hanson's Chr. Laboratory	Chicago, Ill.
James, Thomas A.	Chicago, Ill.
Knight, S. H.	Chicago, Ill.
Lorillard Refrigerator Co.	Chicago, Ill.
Mosely & Pritchard	Clinton, Iowa.
Seaman Butter Carrier Co.	Clinton, Iowa.
Thayer Refrigerator Co.	Chicago, Ill.
Union Industrial Fiber Co.	Chicago, Ill.
Vermont Farm Machine Co.	Bellows' Falls, Vt.
Warsaw Salt Co.	Warsaw, N. Y.
Western Dairy Supply Co.	Chicago, Ill.



## AWARDING COMMITTEES.

### QUALIFICATION OF JUDGES.

The State Board of Agriculture, after using all diligence and care in the selection of judges, thoroughly investigated in open meeting the qualifications of each committeeman, as to the number of years of practical experience had as a butcher, in killing and cutting up on the block the various breeds of stock on exhibition. The prejudices, if any, of judges in favor of any of the various breeds of meat animals, either as breeders or otherwise, were developed. All essential matters likely to determine the ability of judges to critically and impartially pass upon the merits of the animals on exhibition were duly considered.

### CLASS A—CATTLE. BEEF BREEDS.

#### LOT 1—SHORT-HORN.

Name.	Residence.	State.
John Imboden.....	Decatur.....	Illinois.
Wm. Stocking.....	Rochelle.....	Illinois.
Geo. Metzger, Umpire .....	Springfield .....	Illinois.

#### LOT 2—HEREFORD.

John Imboden.....	Decatur.....	Illinois.
Wm. Stocking.....	Rochelle.....	Illinois.
Geo. Metzger, Umpire.....	Springfield .....	Illinois.

#### LOT 3—DEVON.

J. G. Imboden.....	Decatur.....	Illinois.
Wm. Stocking.....	Rochelle.....	Illinois.
Geo. Metzger, Umpire.....	Springfield .....	Illinois.

#### LOT 4—ABERDEEN-ANGUS.

Wm. Stocking.....	Rochelle.....	Illinois.
J. G. Imboden .....	Decatur.....	Illinois.
C. E. Bunn .....	Peoria .....	Illinois.

#### LOT 5—HOLSTEIN-FRIESIAN.

(No entries.)

#### LOT 6—OTHER BEEF BREEDS.

Wm. Stocking.....	Rochelle.....	Illinois.
C. E. Bunn .....	Peoria .....	Illinois.
J. G. Imboden.....	Decatur.....	Illinois.

#### LOT 7—GRADES AND CROSSES.

J. G. Imboden .....	Decatur.....	Illinois.
C. E. Bunn .....	Peoria.....	Illinois.
Wm. Stocking.....	Rochelle.....	Illinois.

## LOT 8—RANGE CATTLE.

C. E. Bunn.....	Peoria.....	Illinois.
Wm. Stocking.....	Rochelle.....	Illinois.
J. G. Imboden.....	Decatur.....	Illinois.

## LOT 9—ALL BREEDS AND GRADES BY AGES.

John Spinning.....	Bloomington.....	Illinois.
Sam'l Dreifuss.....	Ottawa.....	Illinois.
John Gebhard.....	Belleville.....	Illinois.

## LOT 10—SWEEPSTAKES.

Chas. E. Bunn.....	Peoria.....	Illinois.
John Spinning.....	Bloomington.....	Illinois.
John Gebhard.....	Belleville.....	Illinois.

## LOT 11—GRAND SWEEPSTAKES.

Chas. E. Bunn.....	Peoria.....	Illinois.
Wm. Stocking.....	Rochelle.....	Illinois.
J. G. Imboden.....	Decatur.....	Illinois.

## LOT 12—HERDS.

John Spinning.....	Bloomington.....	Illinois.
John Gebhard.....	Belleville.....	Illinois.

## LOT 13—SWEEPSTAKES HERD.

C. E. Bunn.....	Peoria.....	Illinois.
J. G. Imboden.....	Decatur.....	Illinois.
Wm. Stocking.....	Rochelle.....	Illinois.

## LOT 14—DRESSED CARCASS.

J. G. Horkett.....		
John M. Lowry.....		
B. Markwold.....		

## LOT 15—DRESSED CARCASS SWEEPSTAKES.

J. H. Borkett.....		
J. M. Lowry.....		
B. Markwold.....		

## LOT 16—HEAVIEST FAT STEER.

## LOT 16—GAIN PER DAY.

## LOT 18—COST OF PRODUCTION.

Lafayette Funk.....	Shirley.....	Illinois.
Simeon Elliott.....	Princeton.....	Illinois.



## CLASS B—HORSES.

## LOT 19—ROADSTERS.

R. C. Mersereau .....	Chicago .....	Illinois.
Geo. W. Henry .....	Chicago .....	Illinois.
Clark Norris .....	La Moille .....	Illinois.
Andrew Armstrong .....	Beason .....	Illinois.
Arthur Moore .....	Clinton .....	Illinois.
S. S. Huntley .....	Helena .....	Montana.
A. A. Pickrell .....	Mechanicsburg .....	Illinois.

## LOT 20—CLEVELAND BAY.

Clark Norris .....	La Moille .....	Illinois.
Jno. C. Huston .....	Blandinsville .....	Illinois.
E. S. Wilson .....	Olney .....	Illinois.
J. A. Hadley .....	Rockville .....	Illinois.
W. D. Moon .....	Chicago .....	Illinois.
Leonard Johnson .....	Northfield .....	Minnesota.

## LOT 21—SADDLE HORSES.

J. W. Swanbrough .....	Waukegan .....	Illinois.
W. D. Crockett .....	Waukegan .....	Illinois.
Solomon Thatcher .....	River Forest .....	Illinois.

## LOT 22—CARRIAGE OR COACH.

J. D. Brown .....	Leon .....	Iowa.
Wm. Watson .....	Turlington .....	Nebraska.
Clark Norris .....	La Moille .....	Illinois.
Charles B. Allaire .....	Peoria .....	Illinois.
C. H. Deere .....	Moline .....	Illinois.
J. R. Harvey .....	Chicago .....	Illinois.

## LOT 23—PARK HORSE.

Jonathan Abel .....	Chicago .....	Illinois.
S. S. Huntley .....	Helena .....	Montana.
Clark Norris .....	La Moille .....	Illinois.

## LOT 24—EQUESTRIANISM.

C. H. Durphy .....	Chicago .....	Illinois.
A. E. Walker .....	Chicago .....	Illinois.
W. Lundback .....	Chicago .....	Illinois.
C. W. Brockmier .....	Wheeling .....	West Virginia.
Henry Tift .....	Chicago .....	Illinois.
J. W. Brooks, Jr .....	Chicago .....	Illinois.

## LOT 25—DRIVING TO CART.

Charles B. Allaire .....	Peoria .....	Illinois.
J. H. Steiner .....	Detroit .....	Michigan.
W. H. Davis .....	Fulton .....	Missouri.

## LOT 26—PONIES.

Clark Norris .....	La Moille .....	Illinois.
J. W. Rogers .....	Chicago .....	Illinois.
S. S. Huntley .....	Helena .....	Montana.
Charles Miller .....	Tonica .....	Illinois.

## LOT 27—MISCELLANEOUS.

J. H. Steiner .....	Detroit .....	Michigan.
C. B. Allaire .....	Peoria .....	Illinois.
W. H. Davis .....	Fulton .....	Missouri.
G. D. Slanker .....	Olney .....	Illinois.
Samuel Cozzens .....	Chicago .....	Illinois.
W. C. Bryant .....	Princeton .....	Illinois.
A. J. Caton .....	Chicago .....	Illinois.
W. B. Keep .....	Chicago .....	Illinois.
H. J. McFarland .....	Chicago .....	Illinois.
W. K. Fairbank .....	Chicago .....	Illinois.
John Hope .....	Brantford .....	Canada.
R. H. Hope .....	Chicago .....	Illinois.

## LOT 28—FRENCH DRAFT.

W. H. Jordan .....	Iowa City .....	Iowa.
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## LOT 29—PERCHERON.

Archie R. Galbraith .....	Janesville .....	Wisconsin.
John C. Huston .....	Blandinsville .....	Illinois.
W. H. Keyes .....	Adamsville .....	Ohio.

LOT 29 $\frac{1}{2}$ —AMERICAN HORSE BREEDERS' ASSOCIATION PREMIUMS.

Alex Galbraith .....	Janesville .....	Wisconsin.
J. C. Huston .....	Blandinsville .....	Illinois.
R. B. Ogilvie .....	Madison .....	Wisconsin.

## LOT 30—BELGIAN.

Leonard Johnson .....	Northfield .....	Minnesota.
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## LOT 31—CLYDESDALE.

Leonard Johnson .....	Northfield .....	Minnesota.
Charles Miller .....	Tonica .....	Illinois.
Wm. Watson .....	Turlington .....	Nebraska.

LOT 31 $\frac{1}{2}$ —RECORDED CLYDESDALES.

John Hope .....	Brantford .....	Canada.
Robert Beith .....	Bowmanville .....	Canada.
Robert Graham .....	Claremount .....	Ontario.

## LOT 32—ENGLISH SHIRE.

E. S. Wilson .....	Olney .....	Illinois.
John Hope .....	Brantford .....	Canada.
Leonard Johnson .....	Northfield .....	Minnesota.

LOT 32 $\frac{1}{2}$ —GOLD MEDALS.

Leonard Johnson .....	Northfield .....	Minnesota.
Charles Miller .....	Tonica .....	Illinois.
Wm. Watson .....	Turlington .....	Nebraska.

## LOT 33—GRADE DRAFT HORSES.

Charles Burgess .....	Wenona .....	Illinois.
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## CLASS C—SHEEP.

## LOT 34—SOUTHDOWN.

Charles E. Bunn .....	Peoria .....	Illinois.
Samuel Dreifuss .....	Ottawa .....	Illinois.
John Gebhard .....	Belleville .....	Illinois.

## LOT 35—SHROPSHIRE.

Charles E. Bunn .....	Peoria .....	Illinois.
Samuel Dreifuss .....	Ottawa .....	Illinois.
John Gebhard .....	Belleville .....	Illinois.

## LOT 36—HAMPSHIRE.

John Gebhard .....	Belleville .....	Illinois.
Samuel Dreifuss .....	Ottawa .....	Illinois.
Charles E. Bunn .....	Peoria .....	Illinois.

## LOT 37—OXFORD.

John Gebhard .....	Belleville .....	Illinois.
Samuel Dreifuss .....	Ottawa .....	Illinois.
Chas. E. Bunn .....	Peoria .....	Illinois.

## LOT 38—COTSWOLD.

John Gebhard .....	Belleville .....	Illinois.
Samuel Dreifuss .....	Ottawa .....	Illinois.

## LOT 39—LEICESTER.

John Gebhard .....	Belleville .....	Illinois.
Samuel Dreifuss .....	Ottawa .....	Illinois.
Chas. E. Bunn .....	Peoria .....	Illinois.

## LOT 40—LINCOLN.

John Gebhard .....	Belleville .....	Illinois.
Samuel Dreifuss .....	Ottawa .....	Illinois.

## LOT 41—CROSSES.

John Gebhard .....	Belleville .....	Illinois.
Samuel Dreifuss .....	Ottawa .....	Illinois.
Chas. E. Bunn .....	Peoria .....	Illinois.

## LOT 42—SWEEPSTAKES.

Chas. E. Bunn .....	Peoria .....	Illinois.
A. H. Hastings .....	Upper Alton .....	Illinois.
J. G. Imboden .....	Decatur .....	Illinois.

## LOT 43—GRAND SWEEPSTAKES.

Samuel Dreifuss .....	Ottawa .....	Illinois.
J. G. Imboden .....	Decatur .....	Illinois.

## LOT 44—PENS.

Chas. E. Bunn .....	Peoria .....	Illinois.
A. H. Hastings .....	Upper Alton .....	Illinois.
J. Spinning .....	Bloomington .....	Illinois.

### LOT 45—SWEEPSTAKES PEN.

Chas. E. Bunn.....	Peoria .....	Illinois.
A. H. Hastings.....	Upper Alton.....	Illinois.
J. Spinning.....	Bloomington .....	Illinois.

### LOT 46—HEAVIEST FAT SHEEP.

### LOT 47—DRESSED CASCASS.

J. H. Borkert.....		
John M. Lowry .....		
B. Markwold .....		

### LOT 48—DRESSED CARCASS SWEEPSTAKES.

John M. Lowry.....		
B. Markwold .....		

### LOT 49—GAIN PER DAY.

### LOT 50—COST OF PRODUCTION.

Lafayette Funk.....	Shirley.....	Illinois.
Simon Elliott.....	Princeton.....	Illinois.

## CLASS D—SWINE.

### LOT 51—BERKSHIRE.

A. H. Hastings .....	Upper Alton.....	Illinois.
J. Spinning.....	Bloomington .....	Illinois.
Chas. E. Bunn.....	Peoria .....	Illinois.

### LOT 52—POLAND—CHINA.

A. H. Hastings.....	Upper Alton.....	Illinois.
John Spinning.....	Bloomington .....	Illinois.
Chas. E. Bunn.....	Peoria .....	Illinois.

### LOT 53—CHESTER WHITE.

John Spinning.....	Bloomington .....	Illinois.
Chas. E. Bunn.....	Peoria .....	Illinois.
A. H. Hastings .....	Upper Alton.....	Illinois.

### LOT 54—ESSEX.

J. Spinning.....	Bloomington .....	Illinois.
Chas. E. Bunn.....	Peoria .....	Illinois.
A. H. Hastings .....	Upper Alton.....	Illinois.

### LOT 55—DUROC JERSEY RED.

J. Spinning.....	Bloomington .....	Illinois.
A. H. Hastings .....	Upper Alton.....	Illinois.
Chas. E. Bunn.....	Peoria .....	Illinois.

### LOT 56—YORKSHIRE.

J. Spinning.....	Bloomington .....	Illinois.
A. H. Hastings .....	Upper Alton.....	Illinois.
C. E. Bunn .....	Peoria.....	Illinois.



### LOT 57—SUFFOLK.

A. H. Hastings.....	Upper Alton.....	Illinois.
J. Spinning.....	Bloomington .....	Illinois.
Chas. E. Bunn.....	Peoria .....	Illinois.

### LOT 58—VICTORIA.

A. H. Hastings .....	Upper Alton.....	Illinois.
J. Spinning.....	Bloomington .....	Illinois.
Chas. E. Bunn.....	Peoria .....	Illinois.

### LOT 59—GRADES AND CROSSES

J. Spinning.....	Bloomington.....	Illinois.
A. H. Hastings.....	Upper Alton.....	Illinois.
C. E. Bunn.....	Peoria.....	Illinois.

### LOT 60—ALL BREEDS AND GRADES BY AGES.

John Gebhard.....	Belleville .....	Illinois.
Samuel Dreifuss.....	Ottawa.....	Illinois.
Chas. E. Bunn.....	Peoria .....	Illinois.

### LOT 61—SWEEPSTAKES.

Wm. Stocking.....	Rochelle.....	Illinois.
A. H. Hastings .....	Upper Alton.....	Illinois.
J. G. Imboden .....	Decatur.....	Illinois.

### LOT 62—GRAND SWEEPSTAKES.

Wm. Stocking.....	Rochelle.....	Illinois.
J. G. Imboden.....	Decatur.....	Illinois.

### LOT 63—HEAVIEST FAT HOG.

### LOT 64—PENS.

John Gebhard.....	Belleville.....	Illinois.
Samuel Dreifuss.....	Ottawa .....	Illinois.
Chas. E. Bunn.....	Peoria.....	Illinois.

### LOT 65—SWEEPSTAKES PEN.

Wm. Stocking.....	Rochelle.....	Illinois.
J. G. Imboden .....	Decatur.....	Illinois.

### LOT 66—DRESSED CARCASS.

J. H. Borkert.....		
Jno. M. Lowry.....		
B. Markwold.....		

### LOT 67—GAIN PER DAY.

### LOT 68—COST OF PRODUCTION.

No entries.

## COMMITTEE ON MEASUREMENTS.

## CLASS A—CATTLE.

John Upton.....	Springfield.....	Illinois.
W. L. Gillham.....	Chicago.....	Illinois.
A. E. Lillie.....	Avon.....	Illinois.

## CLASS C—SHEEP.

A. E. Lillie. ....	Avon.....	Illinois.
Otto David.....	Aledo.....	Illinois.

## CLASS D—SWINE.

E. U. David .....	Aledo.....	Illinois.
A. E. Lillie.....	Avon .....	Illinois.

## COMMITTEE ON AGES.

## CLASSES A, C, D.

J. L. Moore.....	Polo.....	Illinois.
Jno. Casewell.....	Chicago .....	Illinois.
C. M. Paxton.....	Kansas.....	Kansas.

## CLASS N—DAIRY.

J. F. Redell.....	Chicago.....	Illinois.
D. C. Wolverton.....	Belvidere.....	Illinois.



# BREEDING OF ANIMALS EXHIBITED.

## CLASS A—CATTLE—BEEF BREEDS.

LAFAYETTE FUNK, *Superintendent.*

### LOT 1—SHORT-HORN.

*Steer, Barren or Spayed Cow 3 and under 4 years—6 entries.*

- 1—Prentice, exhibited by J. J. Hill, St. Paul, Minn.; bred by J. J. Hill, St. Paul, Minn.; dropped September 10, 1884; sire, Imp. Berkley Duke of Oxford 2d 54790; dam, Imp. Rosa Lee of Blair Shimrock, Vol. 27.
- 2—Good Luck, exhibited by J. W. Pickett, Plattsburg, Mo., bred by W. H. Renick, Austerlitz, Ky.; dropped June 1, 1884; sire, Cordelia's Pride 65564; dam, Ida.
- 3—Brampton, exhibited by C. S. Barclay, West Liberty, Ia.; bred by D. M. Fall, Frederick, Ia.; dropped December 16, 1883; sire, Renick's Valentine 33672; dam, Brampton's Lady 36.
- 4—Blanchard, exhibited by J. B. Sherman, Chicago, Ill.; bred by ————; dropped February 12, 1884; sire and dam Short-Horn.

*Steer or Spayed Heifer 2 and under 3 years—11 entries.*

- 5—Charley, exhibited by B. Waddel, Marion, O.; bred by B. Waddel, Marion, O.; dropped July 15, 1885; sire, Duke of Greenwood 59444; dam, Red Beauty Vol. 32.
- 6—Rochester, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by F. L. Whaley, Hannibal, Mo.; dropped February 27, 1885; sire, Imp. President 67237; dam, Bright Lady.
- 7—Red Prince, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by F. L. Whaley, Hannibal, Mo.; dropped May 12, 1885; sire, Imp. President 67237; dam, Ella Dee 3d.
- 8—Ashbrook, exhibited by J. R. Peak & Son, Winchester, Ill.; bred by James Hamilton, Franklin, Ill.; dropped March 18, 1885; sire, Duke of Ashbrook 5906; dam, Yarico Lass 10th.
- 9—Challenger, exhibited by J. W. Pickett, Plattsburg, Mo.; bred by J. W. Pickett & Co., Plattsburg, Mo.; dropped January, 10, 1885; sire, Airdrie Duke of Oxford; dam, Lon Morton 5th.
- 10—Clarendon, exhibited by J. W. Pickett, Plattsburg, Mo.; bred by J. W. Pickett & Co., Plattsburg, Mo.; dropped March 2, 1885; sire, Airdrie Duke of Oxford 49688; dam, Katie Vol. 50.
- 11—Experiment, exhibited by J. W. Pickett, Plattsburg, Mo.; bred by J. W. Pickett & Co., Plattsburg, Mo.; dropped April 16, 1885; sire, Airdrie Duke of Oxford 49688; dam, Mary Taylor, Vol. 25.
- 12—Waterlad, exhibited by W. S. White, Sabetha, Kan.; bred by J. W. Dean, Maryville, Mo.; dropped November 29, 1884; sire, Waterlad 54240; dam, Catalpha Minnie.
- 13—Sir Knight, exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; bred by Wm. Moffatt & Bro., Paw Paw, Ill.; dropped June 13, 1885; sire, Imp. Amhurst 49763; dam, Bessie Bell 1X.

- 14—Cruickshank 2d, exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; bred by Wm. Moffatt & Bro., Paw Paw, Ill.; dropped September 26, 1885; sire, Imp. Amhurst 49763; dam, Cambridge 18th.
- 15—Breast Plate, exhibited by John B. Sherman, Chicago, Ill.; bred by J. Gaines, Ridge Farm, Ill.; dropped December 3, 1884; sire, Jubilee's Breastplate 32937; dam, Matilda 7th.

*Steer or Spayed Heifer 1 and under 2 years—16 entries.*

- 16—Ben, exhibited by E. T. Doney, Jackson, Mich.; bred by Chas. F. Moore, St. Clair, Mich.; dropped December 3, 1885; sire, Lord Kirklevington of Erie 44182; dam, Tea Rose 3.
- 17—Luce, exhibited by F. W. Green, Olivet, Mich.; bred by F. W. Green, Olivet, Mich.; dropped December 3, 1885; sire, Gentle Duke 14th 51778; dam, Miss Argyle 21st.
- 18—Goldfinder, exhibited by J. J. Hill, St. Paul, Minn.; bred by Jas. J. Hill, St. Paul, Minn.; dropped January 25, 1886; sire, Imp. Goldfinder 47927; dam, Imp. Queen of Spey 3d.
- 19—Col. Moberly, exhibited by W. H. Renick, Clintonville, Ky.; bred by T. S. Moberly; dropped November 22, 1885; sire, 2d Duke of Hilldale 51071; dam, Rose Stanhope 2d.
- 20—Baby Bunting, exhibited by W. H. Renick, Clintonville, Ky.; bred by W. H. Renick, Clintonville, Ky.; dropped January 25, 1886; sire, Cordelia's Pride 65564; dam, Nettie Moore 3d.
- 21—Harry, exhibited by C. C. Blish & Son, Kewanee, Ill.; bred by C. C. Blish & Son, Kewanee, Ill.; dropped December 25, 1885; sire, Dick Taylor of Glenwood 50737; dam, 9th Dove of Mt. Zion, Vol. 17.
- 22—Buck, exhibited by B. Waddel, Marion, Ohio; bred by B. Waddel, Marion, Ohio; dropped December 25, 1885; sire, Duke of Greenwood 59444; dam, Crystal Bell of Cliff Grange, Vol. 32.
- 23—Billy, exhibited by B. Waddel, Marion, Ohio; bred by B. Waddel, Marion, Ohio; dropped September 10, 1886; sire, Duke of Greenwood 59444; dam, Lida, Vol. 32.
- 24—Richmond, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by A. A. Pickrell, Mechanicsburg, Ill.; dropped March 30, 1886; sire, 10th Cambridge Duke of Glenwood 50315; dam, Caroline 18th.
- 25—Roan Gauntlet, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by F. L. Whaley, Hannibal, Mo.; dropped October 28, 1886; sire, Imp. President 67237; dam, Daisy Dee.
- 26—Baron Von Tromp, exhibited by J. R. Peak & Son, Winchester, Ill.; bred by E. M. Reese & Son, Franklin, Ill.; dropped January 10, 1886; sire, Von Tromp 64685; dam, Victoria 8th.
- 27—Morse, exhibited by J. R. Peak & Son, Winchester, Ill.; bred by John T. Smith, Independence, Mo.; dropped January 2, 1886; sire, Bevidier of Fultand 34540; dam, Lena Primrose.
- 28—Commodore Farragut, exhibited by N. P. Clarke, St. Cloud, Minn.; bred by N. P. Clarke, St. Cloud, Minn.; dropped March 23, 1886; sire, Gerald Duke 75012; dam, Lady Farragut.
- 29—Baby Mine, exhibited by J. W. Pickett, Plattsburg, Mo.; bred by W. C. Combs, Sideview, Ky.; dropped February 20, 1886; sire, Cliffdale Duke 8254; dam, Carrie Combs.
- 30—Cruickshank, exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; bred by Wm. Moffatt & Bro., Paw Paw, Ill.; dropped December 20, 1885; sire, Imp. Amhurst 49763; dam, Matchless 32d.
- 31—Cambridge, exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; bred by Wm. Moffatt & Bro., Paw Paw, Ill.; dropped January 24, 1886; sire, Imp. Baron Brampton; dam, Cambridge 19.

*Steer or Spayed Heifer under 1 year—5 entries.*

- 32—Girdle, exhibited by Geo. Elliott, Harristown, Ill.; bred by Geo. Elliott, Harristown, Ill.; dropped Nov. 22, 1886; sire, Duke of Barrington 50881; dam, Maid of Oxford.
- 33—Mark, exhibited by C. C. Blish & Son, Kewanee, Ill.; bred by C. C. Blish & Son, Kewanee, Ill.; dropped November 21, 1886; sire, Dick Taylor of Glenwood 50737; dam, 9th Dove of Mt. Zion, Vol. 17.
- 34—Ohio Belle, exhibited by B. Waddel, Marion, Ohio; bred by B. Waddel, Marion, Ohio; dropped May 1, 1887; sire, Clarkesville Duke 63747; dam, Red Beauty, Vol. 32.
- 35—Lad of Meadow Lawn, exhibited by N. P. Clarke, St. Cloud, Minn.; bred by N. P. Clarke, St. Cloud, Minn.; dropped November 16, 1886; sire, Duke of Hillhurst 3422; dam, Gladness.
- 36—Clarendon 2d, exhibited by J. W. Pickett, Plattsburg, Mo.; bred by J. W. Pickett & Co., Plattsburg, Mo.; dropped November 28, 1886; sire, Airdrie Duke of Oxford 49688; dam, Katie, Vol. 30.



## LOT 2--HEREFORD.

*Steer or Spayed Heifer 2 and under 3 years—1 entry.*

- 37—Donald, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by Fowler & Van Natta, Fowler, Ind.; dropped April 2, 1885; sire, Tredegar 3286; dam, Delight 28659.

*Steer or Spayed Heifer 1 and under 2 years—4 entries.*

- 38—Earl of Shadeland, exhibited by Adams Earl, Lafayette, Ind.; bred by Adams Earl, Lafayette, Ind.; dropped January 6, 1886; sire Garfield 7015 (6975); dam, Venus 2d 11189.
- 39—Royal's Royalty, exhibited by G. W. Henry, Ashkum, Ill.; bred by G. W. Henry, Ashkum, Ill.; dropped December 30, 1885; sire, Royal 16, 6459; dam, Fairmaid 5, 13583.
- 40—Barabas, exhibited by Iowa Hereford Cattle Co., Indianola, Iowa; bred by Swan & Bosler, Indianola, Iowa; dropped December 26, 1885; sire, Cheyenne; dam, grade Short-Horn.
- 41—Christmas Gift, exhibited by B. Waddel, Marion, Ohio; bred by Samuel Weaver, Forsythe, Ill.; dropped December 25, 1885; sire, John A. Logan 12513; dam, Rosette 20255.
- 42—Master, bred and exhibited by Wyoming Hereford Cattle Association, Cheyenne, Wyo.; dropped November 13, 1885.

*Steer or Spayed Heifer under 1 year—4 entries.*

- 43—Star Wilton 16th, exhibited by C. M. Culbertson, Newman, Ill.; bred by C. M. Culbertson, Newman, Ill.; dropped December 10, 1886; sire, Imp. Lord Wilton 5739, dam, Magenta 7171.
- 44—Punch, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by Fowler & Van Natta, Fowler, Ind.; dropped December 13, 1886; sire, Anxiety 5th 2948; dam, Trump 3781.
- 45—McClenny, exhibited by F. W. Smith, Columbia, Mo.; bred by F. W. Smith, Columbia, Mo.; dropped November 20, 1886; sire, Emperor 11224; dam, Lovliness 11798.
- 46—Samuel Weaver, exhibited by T. C. Ponting, Moweaqua, Ill.; bred by T. C. Ponting, Moweaqua, Ill.; dropped December 15, 1886; sire, Anxiety 3d 7857; dam, Belle 2d 13439.

## LOT 3--DEVON.

*Steer or Spayed Heifer 3 and under 4 years—2 entries.*

- 47—Curley, exhibited by E. T. Doney, Jackson, Mich.; bred by E. T. Doney, Jackson, Mich.; dropped May 1, 1884; sire, Duke of Blitton 1434; dam, Lucy 4th 3674.
- 48—Morsel 3905, exhibited by J. W. Morse & Son, Verona, Wis.; bred by I. S. Newton, Verona, Wis.; dropped December 3, 1884; sire, Major 1599; dam, Crystal Queen 4450.

*Steer or Spayed Heifer 2 and under 3 years—3 entries.*

- 49—Juicy, exhibited by J. W. Morse & Son, Verona, Wis.; bred by C. H. Huggins, Gilson, Ill.; dropped January 27, 1885; sire, Splendor 2608; dam, Kitty King 4458.
- 50—Beefy, exhibited by Wm. Younger, Fairbury, Ill.; bred by C. H. Huggins, Gilson, Ill.; dropped January 23, 1885; sire, Splendor 2608; dam, Rose 7th 2412.
- 50½—Choice, exhibited by Wm. Younger, Fairbury, Ill.; bred by C. H. Huggins, Gilson, Ill.; dropped February 4, 1885; sire, Splendor 2608; dam, Sontag 2d 2543.

*Steer or Spayed Heifer 1 and under 2 years—3 entries.*

- 51—New Era, exhibited by J. W. Morse & Son, Verona, Wis.; bred by J. W. Morse & Son, Verona, Wis.; dropped April 28, 1886; sire, Carlos 2013; dam, full blood.
- 52—Mills, exhibited by Wm. Young, Fairbury, Ill.; bred by J. W. Morse & Son, Verona, Wis.; dropped May 2, 1886; sire, Carlos 2013; dam, Gipsy 3057.
- 53—Bobby, exhibited by B. Waddel, Marion, O.; bred by Jesse Mead, Bowlersville, O.; dropped March 2, 1886; sire, Red Champion 2092; dam, Alice 426.

*Steer or Spayed Heifer under 1 year—2 entries.*

- 54—Chicago Boy, exhibited by J. W. Morse & Son, Verona, Wis.; bred by J. W. Morse & Son, Verona, Wis.; dropped May 9, 1887; sire, Carlos, 2013; dam, Dew Drop 3054,  
 55—Brass, exhibited by B. Waddell, Marion, O.; bred by W. S. Furbay, Mt. Gilead, O.; dropped April 20, 1887; sire, Swift Water 2659; dam, Logoswatha 5869.

## LOT 4—ABERDEEN-ANGUS.

*Steer or Spayed Cow 3 and under 4 years—1 entry,*

- 56—Sandy, exhibited by T. W. Harvey, Turlington, Neb.; bred by Gudgell & Simpson, Independence, Mo., dropped March 27, 1884; sire, Knight of St. Patrick 354; dam, Queen of Earnside.

*Steer or Spayed Heifer 2 and under 3 years—3 entries.*

- 57—Wilfred, exhibited by Anderson & Findlay, Lake Forest, Ill.; bred by Anderson & Findlay, Lake Forest, Ill.; dropped November 11, 1884; sire, Basuto; dam, Lady Wilfred.  
 58—Black Prince of Turlington, exhibited by T. W. Harvey, Turlington, Neb.; bred by T. W. Harvey, Turlington, Neb.; dropped November 29, 1884; sire, Guido 2135; dam, Duchess 11th of Thenylston 6333.  
 59—Pontiff, exhibited by T. W. Harvey, Turlington, Neb.; bred by T. W. Harvey, Turlington, Neb., dropped July 10, 1885; sire, Guido 2135; dam, Pride of Graystone 5947.

*Steer or Spayed Heifer 1 and under 2 years—5 entries.*

- 60—Monroe, exhibited by J. J. Hill, St. Paul, Minn.; bred by J. J. Hill, St. Paul, Minn.; dropped December 17, 1885; sire, Imp. Lord Chancellor 1872; dam, Martha 6th.  
 61—Nomad, exhibited by J. J. Hill, St. Paul, Minn.; bred by J. J. Hill, St. Paul, Minn.; dropped January 25, 1886; sire, Imp. Lord Chancellor 1872; dam, Novice 2d 7182.  
 62—Dot, exhibited by Estill Bros., Estill, Mo.; bred by Estill Wallace, Estill, Mo.; dropped July 3, 1886; sire, Bush Ranger 732; dam, Cary of Moumbletos 3077.  
 63—Dorothy, exhibited by Estill Bros., Estill, Mo.; bred by Estill Wallace, Estill, Mo.; dropped July 3, 1886; sire, Bush Ranger 732; dam, Cary of Moumbletos 3077.  
 64—Tam O'Shanter, exhibited by T. W. Harvey, Turlington, Neb.; bred by Gudgell & Simpson, Independence, Mo., dropped December 22, 1885; sire, Black Knight; dam, Öbernia 2468.

*Steer or Spayed Heifer under 1 year—1 entry.*

- 65—Alexandria Knight, exhibited by T. W. Harvey, Turlington, Neb.; bred by T. W. Harvey, Turlington, Neb.; dropped December 17, 1886; sire, Black Knight 4751; dam, Miss Metcalf.

## LOT 5—HOLSTEIN-FRIESIAN.

No entry.

## LOT 6—OTHER BEEF BREEDS.

*Steer or Spayed Cow 3 and under 4 years—2 entries.*

- 66—Speculation, Sussex, exhibited by E. & A. Stanford, Steyning, Eng.; bred by E. & A. Stanford, Steyning, Eng.; dropped January 17, 1884; sire, Honest Boy 544; dam, Woodmancote.  
 67—Robertson, Sussex, exhibited by Overton Lea, Nashville, Tenn.; bred by John Heasman, Sussex; dropped January 21, 1884; sire, Pie Bevy 404; dam, Clarissa 2d 3188.

*Steer or Spayed Heifer 1 and under 2 years—1 entry.*

- 68—Rover, Sussex, exhibited by Overton Lea, Nashville, Tenn.; bred by J. Godman, Godolaning, Eng.; dropped December 2, 1885; sire, Godbory 541; dam, Bonfire 2320.



*Steer or Spayed Heifer under 1 year—1 entry.*

- 69—Letham, exhibited by Overton Lea, Nashville, Tenn.; bred by J. S. Axley, Sussex, Eng.; dropped November 19, 1886; sire, Young Hereford 6571; dam Young Myrtle 2d 3376.

## LOT 7—GRADES AND CROSSES.

*Steer or Spayed Cow 3 and under 4 years—33 entries.*

- 70—Sir Bartle 3d, exhibited by Adams Earl, Lafayette, Ind.; bred by Adams Earl, Lafayette, Ind.; dropped April 15, 1884; sire, Sir Bartle Frere 6419; dam, Short-Horn.
- 71—Sir Bartle 5th, exhibited by Adams Earl, Lafayette, Ind.; bred by Adams Earl, Lafayette, Ind.; dropped May 23, 1884; sire, Sir Bartle Frere 6419; dam,  $\frac{1}{2}$  Short-Horn and native.
- 72—Roan Dick, exhibited by J. N. Cline, Athens, Ill.; bred by A. Webster, Athens, Ill.; dropped July 27, 1884; sire, Short-Horn; dam  $\frac{3}{8}$  Short-Horn,  $\frac{1}{8}$  native.
- 73—Good Boy, exhibited by J. N. Cline, Athens, Ill.; bred by A. Webster, Athens, Ill.; dropped September 29, 1884; sire, Short-Horn; dam,  $\frac{3}{8}$  Short-Horn,  $\frac{1}{8}$  native.
- 74—Falstaff, exhibited by C. M. Culbertson, Newman, Ill.; bred by C. M. Culbertson, Newman, Ill.; dropped January 6, 1884; sire, Hereford; dam,  $\frac{1}{2}$  Hereford.
- 75—Bardolph, exhibited by C. M. Culbertson, Newman, Ill.; bred by C. M. Culbertson, Newman, Ill.; dropped April 15, 1884; sire, Hereford; dam,  $\frac{1}{2}$  Hereford.
- 76—Pete, exhibited by C. M. Culbertson, Newman, Ill.; bred by C. M. Culbertson, Newman, Ill.; dropped March 20, 1884; sire, Hereford; dam, grade Short-Horn.
- 77—Goggles, exhibited by C. M. Culbertson, Newman, Ill.; bred by C. M. Culbertson, Newman, Ill.; dropped May 5, 1884; sire, Hereford; dam, grade Short-Horn.
- 78—Red Maple, exhibited by J. A. Funkhouser, Plattsburg, Mo.; bred by C. S. Carter, Osborn, Mo.; dropped January 27, 1884; sire, Short-Horn; dam, grade Short-Horn.
- 79—Wild Bill, exhibited by W. H. Renick, Clintonville, Ky.; bred by W. S. Buckner, Paris, Ky.; dropped August 12, 1884; sire, Short-Horn; dam, 7-16 Short-Horn.
- 80—Ned Price, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by J. R. Price, Williamsville, Ill.; dropped July 15, 1884; sire, Regulus 2d; dam,  $\frac{3}{4}$  Short-Horn,  $\frac{1}{4}$  Native.
- 81—Stevens, bred and exhibited by D. M. Moninger, Galvin, Ia.; dropped January 3, 1884; sire, Short-Horn; dam, 1-16 Short-Horn, 15-16 native.
- 82—Livingston, bred and exhibited by D. M. Moninger, Galvin, Ia.; dropped November 23, 1883; sire, Short-Horn; dam, 15-16 Native.
- 83—Larabee, bred and exhibited by D. M. Moninger, Galvin, Ia.; dropped February 13, 1884; sire, Short-Horn; dam, 15-16 Native.
- 84—Grover, exhibited by J. R. Peak & Son, Winchester, Ill.; bred by W. W. Hamilton, Lexington, Ky.; dropped May 8, 1884; sire,  $\frac{1}{8}$  Native; dam,  $\frac{7}{8}$  Short-Horn.
- 85—Leopard, bred and exhibited by T. W. Harvey, Turlington, Neb.; dropped August 18, 1884; sire, Guido 2135; dam, White Dairy Grade Cow.
- 86—Mike, exhibited by J. C. Norris & Son, La Moille, Ill.; bred by J. C. Norris & Son; dropped July 15, 1884; sire, Bob of Hensol 1860; dam,  $\frac{1}{2}$  grade Short-Horn.
- 87—John, exhibited by J. C. Norris & Son, LaMoille, Ill.; bred by J. C. Norris & Son; dropped July 15, 1884; sire, Bob of Hensol 1860; dam,  $\frac{1}{2}$  grade Short-Horn.
- 88—Joe, exhibited by J. C. Norris & Son, LaMoille, Ill.; bred by J. C. Norris & Son; dropped July 15, 1884; sire, Bob of Hensol 1860; dam,  $\frac{1}{2}$  grade Short-Horn.
- 89—Tom, exhibited by J. C. Norris & Son, LaMoille, Ill.; bred by J. C. Norris & Son; dropped July 15, 1884; sire, Bob of Hensol 1860; dam,  $\frac{1}{2}$  grade Short-Horn.
- 90—Pete, exhibited by J. C. Norris & Son, LaMoille, Ill.; bred by J. C. Norris & Son; dropped September 15, 1884; sire, Bob of Hensol 1860; dam,  $\frac{1}{2}$  grade Short-Horn.
- 91—Edward, exhibited by Thos. Clark, Beecher, Ill.; bred by H. & N. Abbe, Elyria, O.; dropped September 27, 1884; sire, Conductor 2874; dam,  $\frac{1}{2}$  blood Hereford.
- 92—Tabor, exhibited by J. B. Sherman, Chicago, Ill.; bred by C. R. Parmlee, DesPlaines, Ill.; dropped November 25, 1883; sire, 31-32 Short-Horn; dam, 1-32 Native.

*Steer or Spayed Heifer 2 and under 3 years—37 entries.*

- 93—Sir Bartle 6th, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped December 15, 1884; sire, Sir Bartle Frere 6419; dam,  $\frac{1}{2}$  Short-Horn and native.
- 94—Red Jacket, bred and exhibited by J. N. Cline, Athens, Ill.; dropped April 4, 1885; sire, Short-Horn; dam,  $\frac{3}{8}$  Short-Horn,  $\frac{1}{8}$  native.
- 95—Great Britain, bred and exhibited by George Elliott, Harristown, Ill.; dropped June 10, 1885; sire, 7th Duke of Barrington 50831; dam,  $\frac{3}{8}$  Short-Horn.
- 96—Andy, bred and exhibited by Jno. Hudson, Moweaqua, Ill.; dropped June 15, 1885; sire, Herod 8729; dam,  $\frac{3}{4}$  Devon,  $\frac{1}{4}$  native.
- 97—Ruby, exhibited by Geo. Leigh & Co., Aurora, Ill.; bred by Swan & Bosler; dropped November 1, 1885; sire, Lafayette 11219; dam,  $\frac{1}{2}$  blood heifer.
- 98—Red Oak, bred and exhibited by Wm. Younger, Fairbury, Ill.; dropped December 15, 1884; sire, Remus 2178; dam, native cow.
- 99—Curry, exhibited by J. J. Hill, St. Paul, Minn.; bred by Wm. Curry, Low Hail, Scotland; dropped February 28, 1885; sire, Erin 3713, Aberdeen-Angus; dam, Short-Horn cow.
- 100—Cupid, bred and exhibited by J. A. Funkhouser, Plattsburg, Mo.; dropped February 11, 1885; sire, Hereford bull, Invincible 5425; dam,  $\frac{1}{8}$  grade Short-Horn.
- 101—Clinton, bred and exhibited by J. A. Funkhouser, Plattsburg, Mo.; dropped February 8, 1885; sire, Hereford bull, Invincible 5245; dam,  $\frac{3}{4}$  grade Short-Horn.
- 102—Goff, exhibited by W. H. Renick, Clintonville, Ky.; bred by D. S. Goff, Winchester, Ky.; dropped March 15, 1885; sire, Short-Horn; dam, 7-16 Short-Horn.
- 103—Jacoby, exhibited by W. H. Renick, Clintonville, Ky.; bred by Jacob Jacoby; dropped February 1, 1885; sire, Short-Horn; dam, 7-16 Short-Horn.
- 104—Anxiety, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped February 11, 1885; sire, Anxiety 5th 2948; dam,  $\frac{1}{2}$  Short-Horn,  $\frac{1}{2}$  native.
- 105—Dick, bred and exhibited by B. S. Eldridge, Galva, Ill.; dropped May 1, 1885; sire Short-Horn; dam, 7-16 Short-Horn.
- 106—Dock, bred and exhibited by B. S. Eldridge, Galva, Ill.; dropped May 15, 1885; sire, Short-Horn; dam, 7-16 Short-Horn.
- 107—Dick, bred and exhibited by H. H. Clough & Co., Elyria, O.; dropped February 25, 1885; sire  $\frac{3}{8}$  Hereford; dam,  $\frac{1}{8}$  native.
- 108—Dave, exhibited by Geo. Leigh & Co., Aurora, Ill.; bred by Thos. Foster, Flint, Mich.; dropped January 25, 1885; sire, Lord Berwick 2d 7431; dam, pure Devon cow.
- 109—Monarch, bred and exhibited by Abraham Mann, Rossville, Ill.; dropped March 15, 1885; sire, Robert Brewer 46948; dam, 15-16 Short Horn, 1-16 native.
- 110—Empire, bred and exhibited by Abraham Mann, Rossville, Ill.; dropped March 15, 1885; sire, Robert Brewer 46948; dam, 15-16 Short-Horn, 1-16 native.
- 111—King, bred and exhibited by Abraham Mann, Rossville, Ill.; dropped June 15, 1885; sire, Robert Brewer 46948; dam, 15-16 Short-Horn, 1-16 native.
- 112—Colonel, bred and exhibited by Abraham Mann, Rossville, Ill.; dropped June 15, 1885; sire, Robert Brewer 46948; dam, 15-16 Short-Horn, 1-16 native.
- 113—Glick, bred and exhibited by D. M. Moninger, Galva, Ia.; dropped January 23, 1885; sire, Short-Horn; dam, 15 16 Short-Horn, 1-16 native.
- 114—Frisk, bred and exhibited by J. R. Peak & Son, Winchester, Ill.; dropped May 20, 1885; sire, 15-16 Short-Horn; dam, 1-16 native.
- 115—Frank, exhibited by J. R. Peak & Son, Winchester, Ill.; bred by W. W. Hamilton, Lexington, Ky.; dropped June 17, 1885; sire, 15-16 Short-Horn; dam, 1-16 Short Horn.
- 116—Lancer, bred and exhibited by H. W. Elliott, Estill, Mo.; dropped March 7, 1885; sire, Landsier 2016; dam, native.
- 117—Jerome, bred and exhibited by H. W. Elliott, Estill, Mo.; dropped April 10, 1885; sire, Jumbo of Drumlandrick 2872; dam, native cow.
- 118—Peter of Grapewood, exhibited by H. W. Elliott, Estill, Mo.; bred by John Turpine, Carleton, Mo.; sire, Lord Haddo 3d 2952; dam, native cow.
- 119—Felix, exhibited by Estill Bros., Estill, Mo.; bred by W. R. Estill, Estill, Mo.; dropped February 17, 1885; sire, Rover of Eastern Tullock 1583; dam, grade Short-Horn.
- 120—Colonel, bred and exhibited by the Inter-State Galloway Cattle Co., Kansas City, Mo.; dropped March 2, 1885; sire, Galloway; dam,  $\frac{1}{2}$  Short-Horn,  $\frac{1}{2}$  native.



- 121—General, bred and exhibited by Inter-State Galloway Cattle Co., Kansas City, Mo.; dropped April 1, 1885; sire, Galloway; dam,  $\frac{3}{8}$  Short-Horn,  $\frac{1}{8}$  native.
- 122—Roan Commander, exhibited by W. S. White, Sabetha, Kan.; bred by J. M. Boomer, Sabetha, Kan.; dropped May 30, 1885; sire, Commander; dam, grade Short-Horn.
- 123—Seraphina of Oakland, bred and exhibited by W. S. White, Sabetha, Kansas; dropped April 25, 1885; sire,  $\frac{3}{4}$  Short-Horn,  $\frac{1}{4}$  native; dam, Seraphina.
- 124—Victor, bred and exhibited by J. C. Bertram, Bristol, Ill.; dropped April 27, 1885; sire, Conqueror 9561; dam, grade Short-Horn.
- 125—I. X. L., exhibited by J. B. Sherman, Chicago, Ill.; bred by J. Gaines, Ridge Farm, Ill.; dropped December 1, 1884; sire, 31-32 Short-Horn; dam, 1-32 native.
- 126—Bob, exhibited by J. B. Sherman, Chicago, Ill.; bred by Seabury & Sample, Lafayette, Ind.; dropped December 29, 1884; sire,  $\frac{1}{2}$  Hereford,  $\frac{1}{4}$  Short-Horn; dam,  $\frac{1}{4}$  native.
- 127—T. P., exhibited by J. B. Sherman, Chicago, Ill.; bred by T. Ponting, Moweaqua, Ill.; dropped April 29, 1885; sire,  $\frac{3}{4}$  Hereford; dam,  $\frac{1}{4}$  Short-Horn.
- 128—Armour, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; dropped April 15, 1885; sire, Regulus 2d 6089; dam, grade Short-Horn.
- 129—Arthur, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; dropped April 30, 1885; sire, Regulus 2d 6089, dam, grade Short-Horn.

*Steer or Spayed Heifer 1 and under 2 years—39 entries.*

- 130—Johnston, bred and exhibited by J. S. Smith, Bates, Ill.; dropped April 12, 1886; sire, Sidney, Polled-Angus; dam, high grade Short-Horn.
- 131—Pearl, exhibited by Geo. Leigh & Co., Aurora, Ill.; bred by Swan & Bosler, Indianola, Ia.; dropped March 16, 1886; sire, Expert 11201; dam, native cow.
- 132—Bob Burdette, bred and exhibited by D. M. Moninger, Galvin, Ia.; dropped February 27, 1886; sire, Short-Horn; dam, 15-16 Short-Horn, 1-16 native.
- 133—Red Duke, bred and exhibited by J. H. Potts & Son, Jacksonville, Ill.; dropped March 5, 1886; sire,  $\frac{3}{8}$  Short-Horn; dam,  $\frac{1}{8}$  native.
- 134—Bird, bred and exhibited by J. R. Peak & Son, Winchester, Ill.; dropped December 29, 1885; sire, Short-Horn; dam, 7-16 Short-Horn.
- 135—Henry, exhibited by J. R. Peak & Son, Winchester, Ill.; bred by Henry Miner, Winchester, Ill.; dropped February 23, 1886; sire, Short-Horn; dam, 7-16 Short-Horn.
- 136—Fanny Field, bred and exhibited by Wilkinson & Dutton, Aurora, Ill.; dropped January 10, 1886; sire, imported Laddie, Hereford; dam, Gretchen, grade Short-Horn.
- 137—Alphonso, bred and exhibited by Wilkinson & Dutton, Aurora, Ill.; dropped February 1, 1886; sire, imported Laddie, Hereford; dam, Hannah, grade Short-Horn.
- 138—Sidney, bred and exhibited by Wilson Bros., Sugar Grove, Ill.; dropped February 1, 1886; sire, Sidney 11760; dam, grade Short-Horn.
- 139—Bonita, bred and exhibited by Inter-State Galloway Cattle Co., Kansas City, Mo.; dropped February 26, 1886; sire, Galloway; dam,  $\frac{1}{2}$  Short-Horn.
- 140—Butterfly, exhibited by Geo. F. Davis & Co., Dyer, Ind.; dropped May 29, 1886; sire, Short-Horn; dam, native.
- 141—Willis, bred and exhibited by Overton Lea, Nashville, Tenn.; dropped September 20, 1886; sire, General Roberts (500); dam, 15-16 Short-Horn.
- 142—Stephen, bred and exhibited by Overton Lea, Nashville, Tenn.; dropped November 1, 1886; sire, General Roberts (500); dam, grade Short-Horn.
- 143—Pistole, bred and exhibited by T. W. Harvey, Turlington, Neb.; dropped May 3, 1886; sire, Pirate Prince; dam, grade dairy cow.
- 144—New Style, bred and exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; dropped March 26, 1886; sire, Imp. Baron Brampton; dam, 1-16 native.
- 145—Eclipse, exhibited by John B. Sherman, Chicago, Ill.; bred by George Baker, Goodenqw, Canada; dropped November 25, 1885; sire, Anxiety 34466; dam  $\frac{1}{2}$  native.
- 146—Export, exhibited by John B. Sherman, Chicago, Ill.; bred by Swan & Bosler, Indianola, Ia.; dropped November 23, 1886; sire, Export 11201; dam,  $\frac{1}{8}$  Short-Horn  $\frac{1}{8}$  native.
- 147—Bonanza, bred and exhibited by J. R. Price, Williamsville, Ill.; dropped December 17, 1885; sire, Regulus 6089; dam  $\frac{3}{4}$  Short-Horn cow.

- 148—Banana, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; dropped June 6, 1886; sire, Regulus 2d 6039; dam, grade Short-Horn.
- 149—Barabas, exhibited by Iowa Hereford Cattle Co., Indianola, Ia.; bred by Swan & Bosler, Indianola, Ia.; dropped December 26, 1885; sire, Cheyenne; dam, grade Short-Horn.
- 150—Exeter, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped February 17, 1886; sire, Romeo, 6646; dam,  $\frac{1}{2}$  Short-Horn.
- 151—Rossland's Improvement, bred and exhibited by G. W. Henry, Ashkum, Ill.; dropped December 23, 1885; sire, Caractacus 12249; dam  $\frac{3}{4}$  Short-Horn.
- 152—Bourbon Prince, bred and exhibited by G. W. Henry, Ashkum, Ill.; dropped December 3, 1885; sire, Prince Edward 7001; dam,  $\frac{3}{4}$  Short-Horn.
- 153—George, exhibited by Wm. Younger, Fairbury, Ill.; bred by Overton Lea, Nashville, Tenn.; dropped November 28, 1885; sire, General Roberts; dam, Ella, by  $\frac{3}{4}$  Devon.
- 154—Defiance, bred and exhibited by J. A. Funkhouser, Plattsburg, Mo.; dropped February 5, 1886; sire, Invincible 5245; dam,  $\frac{7}{8}$  grade Short-Horn.
- 155—Portrait, bred and exhibited by J. A. Funkhouser, Plattsburg, Mo.; dropped January 30, 1886; sire, Invincible 5245; dam,  $\frac{1}{2}$  grade Short-Horn.
- 156—Jones, exhibited by W. H. Renick, Plattsburg, Mo.; dropped March 11, 1886; sire, Short-Horn; dam, 1-16 native.
- 157—Brightlight, exhibited by W. H. Renick, Plattsburg, Mo.; dropped November 27, 1885; sire, Short-Horn; dam, 15-32 Short-Horn.
- 158—Sam Jones, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped December 5, 1885; sire, Tredegar 3386; dam,  $\frac{1}{2}$  Short-Horn,  $\frac{1}{2}$  native.
- 159—Dr. Tanner, bred and exhibited by S. S. Brown's Sons, Galena, Ill.; dropped October 16, 1886; sire, Paddy 57348; dam, 15-16 Short-Horn.
- 160—Bates, bred and exhibited by J. S. Smith, Bates, Ill.; dropped August 20, 1886; sire, Sidney, Polled-Angus; dam, Short-Horn.
- 161—Sangamon, bred and exhibited by J. S. Smith, Bates, Ill.; dropped May 5, 1886; sire, Sidney, Polled-Angus; dam, Short-Horn.
- 162—Berlin, bred and exhibited by J. S. Smith, Bates, Ill.; dropped August 28, 1886; sire, Sidney, Polled-Angus; dam, Short-Horn.
- 163—Springfield, bred and exhibited by J. S. Smith, Bates, Ill.; dropped July 1, 1886; sire, Sidney, Polled Angus; dam, Short-Horn.
- 164—Illinois, bred and exhibited by J. S. Smith, Bates, Ill.; dropped July 21, 1886; sire, Sidney, Polled Angus; dam, Short-Horn.
- 165—Richland, bred and exhibited by J. S. Smith, Bates, Ill.; dropped September 12, 1886; sire, Sidney, Polled Angus; dam, Short-Horn.
- 166—Alexander, bred and exhibited by J. S. Smith, Bates, Ill.; dropped September 8, 1886; sire, Sidney, Polled Angus; dam, Short-Horn.
- 167—Sucker, bred and exhibited by J. S. Smith, Bates, Ill.; dropped September 4, 1886; sire, Sidney, Polled Angus; dam, high grade Short-Horn.
- 168—Sidney, bred and exhibited by J. S. Smith, Bates, Ill.; dropped April 20, 1886; sire, Sidney, Polled Angus; dam, high grade Short-Horn.

*Steer or Spayed Heifer under 1 year—13 entries.*

- 169—Ensign, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped January 29, 1887; sire, Earl Wilton 6th 11262; dam  $\frac{3}{4}$  Hereford,  $\frac{1}{4}$  Short-Horn.
- 170—Elder, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped January 30, 1887; sire, Earl of Shadeland 4, 11286; dam,  $\frac{3}{4}$  Hereford,  $\frac{1}{4}$  Short-Horn.
- 171—Granite, bred and exhibited by J. A. Funkhouser, Plattsburg, Mo.; dropped December 28, 1886; sire, Hereford, Bullion 13785; dam  $\frac{1}{2}$  grade Short-Horn.
- 172—Lithograph, bred and exhibited by J. A. Funkhouser, Plattsburg, Mo.; dropped January 15, 1887; sire, J. R. Smythies 13791; dam,  $\frac{1}{2}$  grade Short-Horn.
- 173—Samson, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped December 9, 1886; sire, Anxiety 5th 2948; dam,  $\frac{1}{2}$  Short-Horn,  $\frac{1}{2}$  native.
- 174—Bob Jr. bred and exhibited by D. M. Moninger, Galvin, Ia.; dropped January 1, 1887; sire, Short-Horn; dam, 15-16 Short-Horn, 1-16 native.



- 175—Pioneer, bred and exhibited by J. R. Peak & Son, Winchester, Ill.; dropped, November 23, 1886; sire, Short-Horn; dam, 15-16 Short-Horn, 1-16 native.
- 176—Jester, exhibited by H. W. Elliott, Estill, Mo.; bred by Estill & Elliott, Estill, Mo.; dropped December 22, 1886; sire, Estill Erie 4634; dam, grade Angus.
- 177—Jack Frost, bred and exhibited by Estill Bros., Estill, Mo.; dropped December 3, 1886; sire, Alphonso; dam, grade Short-Horn.
- 178—Latest Style, bred and exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; dropped March 29, 1887; sire, Imp. Baron Brampton; dam,  $\frac{1}{8}$  native.
- 179—Grandee, exhibited by John B. Sherman, Chicago, Ill.; bred by Swan & Bosler, Indianola, Ia.; dropped November 23, 1886; sire, Export 11201; dam,  $\frac{1}{8}$  Short-Horn  $\frac{1}{8}$  native.
- 180—Cullom, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; dropped January 3, 1887; sire, Regulus 2d, 6089; dam, grade Short-Horn.
- 181—Rudolph Wilton, bred and exhibited by Iowa Hereford Cattle Co., Indianola, Ia.; dropped January 15, 1887; sire, Wilton Rudolph; dam, native cow.

## LOT 8—RANGE CATTLE. .

*Steer or Spayed Cow 3 and under 4 years—2 entries.*

- 182—Montana, bred and exhibited by J. S. Smith & Co., Alzada, Mont.; dropped December, 1883; Range Cattle.
- 183—Sturgis, bred and exhibited by J. S. Smith & Co., Alzada, Mont.; dropped spring, 1883; Range Cattle.

*Steer or Spayed Heifer 2 and under 3 years—1 entry.*

- 184—Custer, bred and exhibited by J. S. Smith & Co., Alzada, Mont.; Range Cattle.

*Steer or Spayed Heifer 1 and under 2 years—1 entry.*

- 185—Miles, bred and exhibited by J. S. Smith & Co., Alzada, Mont.; Range Cattle.

*Steer or Spayed Heifer under 1 year—1 entry.*

- 186—Keoh, bred and exhibited by J. S. Smith & Co., Alzada, Mont.; Range Cattle.

## LOT 9—ALL BREEDS AND GRADES BY AGES.

*Steer or Spayed Cow 3 and under 4 years—5 entries.*

*Steer or Spayed Heifer 2 and under 3 years—5 entries.*

*Steer or Spayed Heifer 1 and under 2 years—5 entries.*

## LOT 10—SWEEPSTAKES.

*Best Animal shown in Lot 1—Short-Horn—4 entries.*

*Best Animal shown in Lot 2—Hereford—3 entries.*

*Best Animal shown in Lot 3—Devon—4 entries.*

*Best Animal shown in Lot 4—Aberdeen-Angus—4 entries.*

*Best Animal shown in Lot 5—Holstein-Friesian—No entry.*

*Best Animal shown in Lot 6—Other Beef Breeds—3 entries*

*Best Animal shown in Lot 7—Grades and Crosses—4 entries.*

*Best Animal shown in Lot 8—Range Cattle—4 entries.*

## LOT 11—GRAND SWEEPSTAKES.

*Best Steer, Cow or Spayed Heifer in the Show—7 entries*

## LOT 12—HERDS.

*Short-Horn Herd—No entry.*

*Hereford Herd—No entry.*

*Devon Herd—1 entry.*

Premium to J. W. Morse & Son, Verona, Wis.

*Aberdeen-Angus Herd—1 entry.*

Premium to T. W. Harvey, Turlington, Neb.

*Holstein-Friesian Herd—No entry.*

*Other Beef Breeds Herd—No entry.*

*Grades and Crosses Herd—6 entries.*

*Range Cattle Herd—1 entry.*

Premium to J. S. Smith, Alzada, Montana.

## LOT 13—SWEEPSTAKES HERD.

*Best Herd in the Show—2 entries.*

Premium to T. W. Harvey, Turlington, Neb.

## LOT 14—DRESSED CARCASS.

*Best Carcass of Steer or Spayed Cow 3 and under 4 years—7 entries.*

187—Scottish Prince, exhibited by John B. Sherman, Chicago, Ill.; bred by L. Hastings, Iowa; dropped April 25, 1884; sire, Hereford; dam, West Highlander.

*Best Carcass Steer or Spayed Heifer 2 and under 3 years—13 entries.*

*Best Carcass Steer or Spayed Heifer 1 and under 2 years—7 entries.*

*Carcass furnishing largest per cent. of edible meat—27 entries.*

*Carcass furnishing largest per cent. of net to gross weight—27 entries.*



## LOT 15—DRESSED CARCASS—SWEEPSTAKES.

*Best Carcass of Steer or Spayed Heifer of any age—3 entries.*

## LOT 16—HEAVIEST FAT STEER.

*Open to all ages—11 entries.*

- 188—Duke of Iowa, bred and exhibited by H. B. Varnum, Marshalltown, Ia.; dropped May, 1879; sire,  $\frac{3}{4}$  Short-Horn; dam,  $\frac{1}{4}$  native.
- 189—Jumbo, bred and exhibited by William White, Marion, Ind.; dropped ———; sire,  $\frac{1}{2}$  Short-Horn; dam,  $\frac{1}{2}$  native.
- 190—White Cloud, exhibited by John B. Sherman, Chicago, Ill.; bred by I. Fiery, Edinburg, Ill.; dropped February 1, 1881; sire, Short-Horn.
- 191—Albright, exhibited by John B. Sherman, Chicago, Ill.; bred by S. Albright, Rossville, Ill.; dropped March 25, 1882; sire,  $\frac{1}{2}$  Hereford; dam,  $\frac{1}{2}$  Short-Horn.
- 192—Gem, exhibited by John B. Sherman, Chicago, Ill.; bred by S. Gaines, Ridge Farm, Ill.; dropped May 20, 1883; sire, 31-32 Short-Horn 1-32 native.

## LOT 17—GAIN PER DAY.

*Steer or Spayed Heifer showing the greatest average gain per day, including weight at birth.*

*Best Steer or Spayed Cow 3 and under 4 years—10 entries.*

*Best Steer or Spayed Heifer 2 and under 3 years—23 entries.*

*Best Steer or Spayed Heifer 1 and under 2 years—39 entries.*

*Best Steer or Spayed Heifer 6 and under 12 months old—14 entries.*

## LOT 18—COST OF PRODUCTION.

*Best Steer or Spayed Cow 3 and under 4 years—3 entries.*

*Best Steer or Spayed Heifer 2 and under 3 years—5 entries.*

*Best Steer or Spayed Heifer 1 and under 2 years—3 entries.*

*Best Steer or Spayed Heifer under 1 year—4 entries.*

## CLASS B—HORSES.

### SECTION A—LIGHT HORSES.

E. C. LEWIS, *Superintendent.*

## LOT 19—ROADSTERS.

### *Best Stallion 4 years old or over—12 entries.*

- 193—Hill's Royal Bashaw, bred and exhibited by Ira A. Hill, Chicago; foaled July 8, 1878; sire, McElroy's Royal George; dam, Maggie K.
- 194—Hill's Royal George, bred and exhibited by Ira A. Hill, Chicago, Ill.; foaled June 8, 1877; sire, McElroy's Royal George; dam, Maggie K.
- 195—Mambrino Prince, exhibited by George H. Covert, Chicago, Ill.; bred by W. H. Traylor, Lancaster, Ky.; foaled 1875; sire, Garrard Chief 2253.
- 196—Kingston, bred and exhibited by Rufus King, Chicago, Ill.; foaled May, 1875; sire, Sterling Standard 4447; dam, Fanny Sage.
- 197—Newmont, exhibited by John Newman, Elgin, Ill.; bred by Anthony Dey, Spring Station, Ky.; foaled April, 1883; sire, Belmont; dam, Lulu.
- 198—Princess Wilkes, exhibited by J. W. Swanbrough, Waukegan, Ill.; bred by R. S. Veech, St. Matthew, Ky.; foaled March 31, 1883; sire, Princess 536; dam, Fallacy.
- 199—Hambletonian Prince, exhibited by J. W. Swanbrough, Waukegan, Ill.; bred by E. S. Wadsworth, Chicago, Ill.; foaled April 4, 1875; sire, Menelaus 226; dam, Minnie Clyde.
- 200—Judge Hayes, bred and exhibited by W. D. Crockett, Wankegan, Ill.; foaled, 1879; sire, Robert McGregor; dam, Luna.
- 201—Bay Prince, exhibited by Heckinger Bros., Chicago, Ill.
- 202—Gilman, bred and exhibited by M. S. Molony, Jr., Belvidere, Ill.; foaled June 6, 1883; sire, Compeer; dam, by Thomas Jefferson.
- 203—St. Elmo, exhibited by N. M. Cronholm, Chicago, Ill.; bred by J. L. Putnam, Henry County, Ill.; foaled June 1, 1881; sire, Black Hawk Morgan; dam, Messenger.
- 204—Interior, exhibited by Parker Bros., Hyde Park, Ill.

### *Best Stallion 3 and under 4 years—5 entries.*

- 205—Head 'em, bred and exhibited by W. T. Baker, Bolivia, Ill.; foaled March 16, 1884; sire, Forest Chief; dam, Mag.
- 206—Royal Arch, bred and exhibited by Isaac Shillington, Chicago, Ill.; foaled Sept. 1, 1884; sire, Judge Hayes 4426; dam, Castinara.
- 207—Highland Wilkes, exhibited by John Bergman, Chicago, Ill.; foaled 1884.
- 208—McGurigan, bred and exhibited by M. S. Molony, Jr., Belvidere, Ill.; foaled May 21, 1884; sire, Compeer; dam, Hartford Maid.
- 209—Abdallah Hamlet, exhibited by James Wadsworth, Chicago, Ill.; bred by James Kirk, Sag Bridge, Ill.; foaled, 1884; sire, Hambletonian Bashaw; dam, by Schall's Hamlet.

### *Best Mare 4 years old and over—3 entries.*

- 210—Hennepin Maid, exhibited by the Caton Stock Farm, Joliet, Ill.
- 211—Midget, exhibited by John F. Ryan, Chicago, Ill.; foaled, 1880; breeding unknown.
- 212—Kitty Wilkes, exhibited by J. H. Romaine, Chicago, Ill.; bred by W. D. Crockett, Wankegan, Ill.; sire, Young Wilkes; dam, Minnie.

### *Best Mare 3 and under 4 years—2 entries.*

- 213—Nellie Grant, bred and exhibited by W. T. Baker, Bolivia, Ill.; foaled May 25, 1884; sire, Forest Chief; dam, Top.
- 214—Schatchi, bred and exhibited by T. T. Sunderland, Chicago, Ill.; foaled, 1884; sire, Hambletonian Bashaw; dam, Fanny.

### *Best Mare any age—4 entries.*

- 215—Lady Atwood, exhibited by James Wadsworth, Chicago, Ill.; bred by O. E. Atwood, Morgan Park, Ill.; foaled, 1886; sire, Hambletonian Bashaw; dam, Red Buck.
- 216—Hattie B., exhibited by J. H. Blass, Chicago, Ill.
- 217—Opal, exhibited by John Kelly, Chicago, Ill.



*Best Pair Geldings any age—2 entries.*

- 213b—Bob Spy, exhibited by H. J. McFarland, Chicago, Ill.; breeding unknown.  
 214b— ———, exhibited by F. J. Kennett, Chicago, Ill. (Name and breeding of animals not given.)

*Best Gelding any age—9 entries.*

- 215b—Colonel, exhibited by D. H. Olin, Chicago, Ill.; sire, Hambletonian; dam Gold Dust.  
 216b—Michigan, exhibited by the Caton Stock Farm, Joliet, Ill.  
 217b—Horace, exhibited by H. H. Martindale, Chicago, Ill.  
 218—Parnell, exhibited by S. F. Goss, Chicago, Ill.; bred by C. O'Brien, Chicago; foaled 1883; sire, Hambletonian Bashaw.  
 219—Don, exhibited by J. H. Blass, Chicago, Ill.  
 220—John S., exhibited by J. S. Cooper, Chicago, Ill.  
 221—Master Jim, exhibited by J. H. Romaine, Chicago, Ill.; foaled 1882; breeding unknown.  
 222—Geo. Parmer, exhibited by W. D. Moon, Chicago, Ill.  
 223—King Clay, exhibited by James Frazier, Chicago.

## LOT 20—CLEVELAND BAY.

*Best Stallion 4 years old or over—8 entries.*

- 224—Surprise, exhibited by Door Prairie L. S. Association, Door Village, Ind.; bred by Geo. Lonsdale, England; foaled 1879; sire, Surprise; dam by Emperor.  
 225—Gloster, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by R. Bruere, Middleham, Eng.; foaled in 1881; sire, British Splendor (376; dam, Jolly.  
 226—Marlboro, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by R. Bruere, Middleham, Eng.; foaled 1883; sire, Splendor; dam, Young Jennie.  
 227—True Britain, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by R. Bruere, Middleham, Eng.; foaled 1882; sire, Baronet; dam, Pride of the North.  
 228—Darnley, exhibited by G. E. Brown & Co., Aurora, Ill.; bred by Mr. Hughes, North Allerton, Eng.; foaled 1883.  
 229—Duke of York 72, exhibited by Stericker & Bro., Springfield, Ill.; bred by I. Illingworth, York; foaled May, 1881; sire, Paulinus 343; dam, Bottinger 938.  
 230—Eastern Star, exhibited by James D. Becket, Chicago, Ill.; bred by Jno. Pallisser, Sessay Thrisk, York, Eng.; foaled 1883; sire, Candidate 64; dam, Salesman 416.  
 231—Goldsborough, exhibited by J. D. Becket, Chicago, Ill.; bred by John Kirby, Stamford Bridge, York, Eng.; foaled 1886; sire, Newton 215; dam, Gaiety 58.

*Best Stallion 3 years old under 4—10 entries.*

- 232—Consort, bred and exhibited by Geo. E. Brown & Co., Aurora, Ill., foaled, 1884: sire, Cock Robin; dam, Undine 4.  
 233—Warlock, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by J. Sett, Scampston, Eng.; foaled 1884: sire, Competitor; dam by Bay Splendour 33.  
 234—Bangus, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by Mrs. Dale, Rosedale, Eng., foaled 1883; sire, Salesman 272; dam, Wonderful Lad 361.  
 235—Lord Derby, exhibited by Galbraith Bros., Janesville, Wis.; bred by Thos. Underwood, Grossmouth, Yorkshire; foaled 1884; sire, Newton 216; dam by Barnaby 18.  
 236—Star of Cleveland, exhibited by Galbraith Bros., Janesville, Wis.; bred by J. Smith, North Allerton, Yorkshire; foaled 1884; sire, Luck's All 1888; dam by Salesman 271.  
 237—Endearment, exhibited by Galbraith Bros., Janesville, Wis.; bred by R. Wellford, Waperley; foaled 1884; sire, Fidius Dins 107; dam by Sportsman 299.  
 238—Ventnor 69, exhibited by Stericker Bros., Springfield, Ill.; bred by P. Baker, Ingmanthorpe, Eng., foaled May, 1884; sire, Salton 657; dam by Monarch.

239—Kingscote, exhibited by Stericker Bros., Springfield, Ill.; bred by J. Callinson, Rillington, Eng.; foaled May, 1884; sire, Competitor 101; dam, Smiler.

240—Lucky Boy 749, exhibited by the Iowa Hereford Cattle Co., Indianola, Ia.; bred by F. Rhea, Egton Grazmount, England, foaled 1884.

241—Young Nobleman, exhibited by Cater Bros., Libertyville, Ill.; foaled 1884; sire, Sportsman 299; dam, by Fidius Dios 107.

*Best Mare 4 years old or over—4 entries.*

242—Adelaide, bred and exhibited by Geo. E. Brown & Co., Aurora, Ill., foaled 1881; sire, Duke of Ryedale 98; dam, Marion 2.

243—Vivian, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by R. Stonehouse, Whitby, Eng.; foaled 1879; sire, County King; dam, Barnaby 18.

244—Empress, exhibited by Stericker Bros. Springfield, Ill.; bred by Mr. Raymond, Mashum, Eng.; foaled April 1, 1882; sire, British Splendour 376; dam by Wonderful Boy 534.

245—Lady Hilda, exhibited by Stericker Bros., Springfield, Ill., bred by Mr. Raymond, Mashum, Eng.; foaled May, 1883; sire, Young General Benefit 180; dam by Prince Frederick 234.

*Best Mare 3 and under 4 years—1 entry.*

246—Jewel, bred and exhibited by Geo. E. Brown & Co., Aurora, Ill.; foaled 1884; sire, Cock Robin; dam, Marion 2.

*Best Pair of Mares any age—2 entries.*

## LOT 21—SADDLE HORSES.

*Best Stallion any age—3 entries.*

247—Dexter, exhibited by Geo. F. Davis & Co., Dyer, Ind.; foaled 1881.

248—Jewel, exhibited by W. F. Baker, Bolivia, Ill.; bred by Wm. Colwell, Danville, Ky.; foaled May, 1886; sire, Second Jewel.

249—Prince Logan, exhibited by S. Mathison, Chicago, Ill.

*Best Gelding any age—9 entries.*

250—Archy D., exhibited by M. W. Dunne, Chicago, Ill.; foaled 1880; sire, Denmark; dam, Miss L.

251—Captain, exhibited by O. A. Russ, Chicago, Ill.

252—Red Rose, exhibited by Davis, Smith & Co., Fulton, Mo.

253—John P., exhibited by R. S. Payne, Chicago, Ill.

254—Rex, exhibited by F. B. Rockwood, Chicago, Ill.

255—Billy Boy, exhibited by J. W. Brooks, Chicago, Ill.

256—Pet, exhibited by Henry Tift, Chicago, Ill.

257—Baby, exhibited by Henry Tift, Chicago, Ill.

258—Nero, exhibited by Jas. Wheeler, Chicago, Ill.

*Best Mare any age.*

259—Kittie R., exhibited by D. M. Rowe, Chicago, Ill.; foaled 1881; sire, Washington D.; dam, Helen.

260———, exhibited by C. K. G. Billings, Chicago, Ill. No name or breeding given.

261—Oriole, bred and exhibited by J. B. Close, Chicago, Ill.; foaled July, 1884; sire, Aureolus; dam, unknown.



- 262—Queen Ella, exhibited by Florence Rockwood, Chicago, Ill.
- 263—Annie, exhibited by J. W. Brooks, Chicago, Ill.; foaled 1879; sire, Kentucky Bird; dam, unknown.
- 264——, exhibited by W. H. Davis, Fulton, Mo. No name or breeding given.

## LOT 22—CARRIAGE OR COACH.

(Other than Cleveland Bay.)

*Best Stallion any age—26 entries.*

- 265—Freeland, bred and exhibited by W. T. Baker, Bolivia, Ill.; foaled May 29, 1885; sire, Forest Chief; dam, Lola.
- 266—Budd Doble, bred and exhibited by W. T. Baker, Bolivia, Ill.; foaled February 14, 1886; sire, Forest Chief; dam, Mat.
- 267—Tranville, imported and exhibited by Degen Bros., Ottawa, Ill.; foaled May 23, 1884.
- 268—Billy, imported and exhibited by Degen Bros., Ottawa, Ill.; foaled April 10, 1884.
- 269—Escobas, exhibited by Jas. Gray, Freeport, Ill.; bred by Mr. Gilbert, Nord, France; foaled April 20, 1882; sire, Vaguebone 11265; dam, Mignote.
- 270—Elabah, exhibited by Jas. Gray, Freeport, Ill.; bred by Mr. Blagot, Gourbesville, France; foaled May 10, 1881; sire, Reynolds; dam, Nogelle.
- 271—Enantial, imported and exhibited by Jas. Gray, Freeport, Ill.; foaled April 29, 1882; sire, Nor-  
mander 8670; dam, Miss Annette.
- 272—Proncase, exhibited by Jas. Gray, Freeport, Ill.; bred by Mr. Bleslel, Valogues, France; foaled April 15, 1883; sire, Urecht 10684; dam, White Foot.
- 273—Fen De Gue; imported and exhibited by Jas. Gray, Freeport, Ill.; foaled 1884.
- 274—Eblausaunt, exhibited by Jas. Gray, Freeport, Ill.; bred by Mr. Pegeril, France; foaled May 8, 1882; sire, Vendu; dam, Coquette.
- 275—Dadias, exhibited by Jas. Gray, Freeport, Ill.; bred by Mr. Buckenier, Freusville, France; foaled May 10, 1881; sire, Reynolds; dam, Nogelle.
- 276—Valmouth, exhibited by Jas. Gray, Freeport, Ill.; bred by Mr. Collet, Boursaid, France; foaled April 24, 1883; sire, Normandy 9033; dam, Vedette.
- 277—Gentil, exhibited by Jas. D. Becket, Chicago, Ill.; bred by S. La Taryno, Sec'ty Le Pin, France; foaled May 19, 1884; sire, Usqubac; dam, Helene.
- 278—Oppenay, exhibited by Jas. D. Becket, Chicago, Ill.; bred by S. La Taryno, Sec'ty Le Pin, France; foaled May 17, 1884; sire, Oppenay; dam, Nirobella.
- 279—Epatant, exhibited by Leonard Johnson, Northfield, Minn.; bred by M. Prempain, St. Martin, France; foaled April 6, 1882; sire, Valerian 1124; dam, Glorieux.
- 280—Provost (1158), exhibited by Iowa Hereford Cattle Co., Indianola, Ia.; bred by F. Rhea, Egton, Grazmount, Eng.; foaled 1885.
- 281—Free Trade, exhibited by Cater Bros., Libertyville, Ill.; foaled 1882; sire, Young Flying Buck; dam, by Promisedland.
- 282—Eblouissant, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1883; sire, Montfort; dam, Noivette.
- 283—Hilaire, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1885; sire, Serieux; dam, Ragot.
- 284—Gildino, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1884; sire, Idomenee; dam, Bella.
- 285—Gil Blas, exhibited by M. W. Dunham, Wayne, Ill.; foaled 1884; sire, Uzerche; dam, Bijou, imported.
- 286—Grancey, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1884; sire, Beau Seigneur; dam, Coquette.
- 287—Ferron, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1883; sire, Idomenee; dam, Perfection.

288—Fleurion, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1883; sire, Gilbert; dam, Rapide.

289—Forrester, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1883; sire, Vidi; dam, Lisette.

290—Hermite, exhibited by John Virgin, Fairbury, Ill.: foaled April, 1885; imported French Coach.

*Best pair Geldings—3 entries.*

291—Harry and Horace, exhibited by H. H. Martindale, Chicago, Ill.; breeding unknown.

292—Frank and Fred, exhibited by H. H. Martindale, Chicago, Ill.; breeding unknown.

293—Exhibited by Geo. R. Smith, Shelbyville, Ky. Names and breeding not given.

*Best Mare any age—7 entries.*

294—Mollie, exhibited by W. T. Baker, Bolivia, Ill., bred by Abraham Whiteneck, Edinburg, Ill.; foaled May, 1884; sire, Forest Chief; dam, Diner.

The following animals were ruled out of this ring because they were not shown in harness, and were exhibited as French Coach mares:

295—Perla, exhibited by Leonard Johnson, Northfield, Minn.; bred by M. De Govaille, Chambois, France; foaled April 15, 1880; sire, Jactator; dam, Nemea.

296—Estimee, exhibited by Leonard Johnson, Northfield, Minn.; bred by M. Loivingnee, Sarceaux, France; foaled May 6, 1882; sire, Jactator; dam, Fleur De Mai.

297—La Ceine, exhibited by Leonard Johnson, Northfield, Minn.; bred by M. Graindor, Polbec, France; foaled May 20, 1885; sire, Phenomenon; dam, Clementine.

298—Vesta, imported and exhibited M. W. Dunham, Wayne, Ill; foaled 1880; sire, Tama; dam by Pimpart.

299—Merlette, exhibited by M. W. Dunham, Wayne, Ill.

300—Hirondelle, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1885; sire, Niger; dam by Kaoline.

*Best pair of Mares—2 entries.*

301—Minnie, exhibited by Geo. P. Smith, Chicago, Ill.

302—Mattie, exhibited by Geo. P. Smith, Chicago, Ill.

## LOT 23—PARK HORSES—3 entries.

303—Juggler, bred and exhibited by Geo. R. Smith, Shelbyville, Ky.; foaled ———; sire, Juggler; dam, Lady Lever.

304—Artisan, exhibited by T. W. Harvey, Turlington, Neb.: foaled June, 1879; sire, Artist; dam, Colossa.

## LOT 24—EQUESTRIANISM—43 entries.

## LOT 25—DRIVING TO CART—11 entries.

## LOT 26—PONIES.

*Best Stallion any age—9 entries.*

306—Tom Thumb, exhibited by Galbraith Bros., Janesville, Wis.: foaled 1879.



- 307—Charlie, exhibited by Degen Bros., Ottawa, Ill.; breeding unknown.
- 308—Dandy Jim, exhibited by John C. Huston, Blandinsville, Ill.
- 309—Colonel, exhibited by H. J. Gleason, Chicago, Ill.
- 310—Spark, exhibited by Raeside Bros., Waukegan, Ill.; foaled 1885; bred by Marquis Londonderry, Sunderland.
- 311—Grover, exhibited by S. D. Thompson, Wayne, Ill.
- 312—Dandie, exhibited by O. A. Russ, Chicago, Ill.
- 313—Jimmie Gore, exhibited by James Gore, Chicago, Ill.; bred by A. J. Alexander, Spring Station, Ky.; foaled 1885; sire, Don Juan; dam, unknown.
- 314—Vintie Gore, exhibited by James Gore, Chicago, Ill.; bred by A. J. Alexander, Spring Station, Ky.; foaled 1885; sire, Don Juan; dam, unknown.

*Best Mare any age—11 entries.*

- 315, 316, 317—Entries No. 1, 2 and 3, exhibited by Galbraith Bros., Janesville, Wis.; name and breeding unknown.
- 318—Gypsy, exhibited by Raeside Bros., Waukegan, Ill.; foaled 1884; breeding unknown.
- 319—Jenny, imported and exhibited by Bergen Bros., Manhattan, Ill.; foaled 1879.
- 320—Jane, imported and exhibited by Bergen Bros., Manhattan, Ill.; foaled 1881.
- 321—Pet, imported and exhibited by Bergen Bros., Manhattan, Ill.; foaled 1884.
- 322—Kit, imported and exhibited by Bergen Bros., Manhattan, Ill.; foaled 1884.
- 323—Maria, exhibited by S. D. Thompson, Wayne, Ill.
- 324—Jennie, exhibited by Robbie Keenan, Chicago, Ill.
- 325—Jessie, exhibited by Harry Coy, Chicago, Ill.

*Best Gelding any age—5 entries.*

- 326—Dick, exhibited by Jno. C. Murphy, South Evanston, Ill.
- 327—Leo, exhibited by Raeside Bros., Waukegan, Ill.; foaled 1884; breeding unknown.
- 328—Frolic, exhibited by J. K. Robinson, Chicago, Ill.
- 329—Entry No. 4, exhibited by Phillip Sears, Chicago, Ill.
- 330—Entry No. 5, exhibited by John Dupee, Jr., Chicago, Ill. Name and breeding unknown.

*Best Pony Team—5 entries.*

## LOT 27—MISCELLANEOUS.

*Best Coupe Horse to Coupe or Brougham—7 entries.*

- 331—Frank G., exhibited by E. A. Burdett, Chicago, Ill.; breeding unknown.
- 332—Entry No. 2, exhibited by Hobart C. Taylor, Chicago, Ill.; name and breeding unknown.
- 333—Captain, exhibited by J. W. Wilson, Chicago, Ill.; breeding unknown.
- 334—Duke, exhibited by R. P. H. Durkee, Chicago, Ill.; breeding unknown.
- 335—Sam, exhibited by E. B. Sackett, Chicago, Ill.; breeding unknown.
- 336—Rowdy, exhibited by C. A. Munn, Chicago, Ill.; breeding unknown.
- 337—Jerry, exhibited by Jno. T. Lester, Chicago, Ill.; breeding unknown.

*Best Cart Horse to cart—7 entries.*

- 338—Fred, exhibited by H. H. Martindale, Chicago, Ill.; breeding unknown.  
 339—Blue Gown, exhibited by A. J. Baxter, Chicago, Ill.; breeding unknown.  
 340—Prince, exhibited by H. J. McFarland, Chicago, Ill.; breeding unknown.  
 341—Entry No. 4, exhibited by Fred and Lee Reynolds, Chicago, Ill.; breeding unknown.  
 342—Entry No. 5, exhibited by S. W. Allerton, Chicago, Ill.; name and breeding unknown.  
 343—Peacock, exhibited by Jas. Frazier, Chicago, Ill.; breeding unknown.  
 344—Oglesby, exhibited by O. C. Nelson, Chicago, Ill.; breeding unknown.

*Best pair of Cobs to mail phaeton—8 entries.*

- 345—Entry No. 1, exhibited by Hobart C. Taylor, Chicago, Ill.; names and breeding unknown.  
 346—Entry No. 2, exhibited by C. N. Fay, Chicago, Ill.; names and breeding unknown.  
 347—Entry No. 3, exhibited by J. D. Carson, Chicago, Ill.; names and breeding unknown.  
 348—Oglesby and mate, exhibited by O. C. Nelson, Chicago, Ill.; breeding unknown.  
 349—Bright Eyes and Merry Legs, exhibited by Jas. Frazier, Chicago, Ill.; breeding unknown.  
 350—Entry No. 6, exhibited by John Dupee, Jr., Chicago, Ill.; breeding unknown.  
 351—Entry No. 7, exhibited by Chas. Schwartz, Chicago, Ill.; breeding unknown.  
 352—Entry No. 8, exhibited by H. C. Taylor, Chicago, Ill.; breeding unknown.

*Best pair of Carriage Horses to Carriage—5 entries.**Best Brougham Team to Brougham or Coupe—11 entries.*

- 353—Blue Gown and Rebel, exhibited by A. J. Baxter, Chicago, Ill.; breeding unknown.  
 354—Entry No. 2, exhibited by Potter Palmer, Chicago, Ill.  
 355—Entry No. 3, exhibited by S. W. Allerton, Chicago, Ill.; name and breeding unknown.  
 356—No. 4, exhibited by H. C. Taylor, Chicago, Ill.  
 357—No. 5, exhibited by Chas. Schwartz, Chicago, Ill.  
 358—Jenny and mate, exhibited by John T. Lester, Chicago, Ill.; breeding unknown.  
 359—Henry and Harry, exhibited by Mrs. N. Ludington, Chicago, Ill.; breeding unknown.  
 360—No. 8, exhibited by E. L. Brewster, Chicago, Ill.  
 361—No. 9, exhibited by Marshall Field, Chicago, Ill.; names and breeding unknown.  
 362—No. 10, exhibited by C. M. Henderson, Chicago, Ill.  
 363—Entry No. 11, exhibited by John Dupee, Chicago, Ill.; names and breeding unknown.

*Best Tandem Team—6 entries.*

- Blue Gown and Rebel, exhibited by A. J. Baxter, Chicago, Ill.  
 Prince Edward and Earl, exhibited by J. R. Harvey, Chicago, Ill.  
 ———, exhibited by Hobart C. Taylor, Chicago, Ill.  
 Kansas Jack and Peacock, exhibited by James Frazier, Chicago, Ill.  
 ———, exhibited by J. R. Walker, Chicago, Ill.  
 Oglesby and mate, exhibited by O. C. Nelson, Chicago, Ill.



*Best "Four in Hand" Team.*

Freeland, Headman, Mollie and Nellie Grant, exhibited by W. T. Baker, Bolivia, Ill.

Bob, Spy, Chief and Bruin, exhibited by H. J. McFarland, Chicago, Ill.

No. 3, exhibited by Potter Palmer, Chicago, Ill.

No. 4, exhibited by Samuel W. Allerton, Chicago, Ill.

No. 5, exhibited by H. C. Taylor, Chicago, Ill.

No. 6, exhibited by Chas. Schwartz, Chicago, Ill.

## SECTION 2—HEAVY HORSES.

D. GORE, *Superintendent.*

## LOT 28—FRENCH DRAFT—(Full Blood.)

*Best Stallion 4 years old or over—13 entries.*

364—Honesty B., bred and exhibited by Dillon Bros., Normal, Ill.; foaled 1883; sire, Boquet 897; dam, Au Fail 2170.

365—Mouton, exhibited by Sass & Miller, Ancona, Ill.; bred by C. Namur, France; foaled 1883; sire, Fanfaron, 120; dam, Louise 11.

366—Negro, exhibited by Sass & Miller, Ancona, Ill.; bred by I. Richard, France; foaled March 24, 1883; sire, Bayard 56; dam, Vigoureuse 55.

367—Porthos, exhibited by Sass & Miller, Ancona, Ill.; foaled 1883; bred by I. Richard, France; sire, Bayard 56; dam, Margot 15.

368—Vailliant, exhibited by Sass & Miller, Ancona, Ill.; bred by C. Namur, France; foaled 1883; sire, Fanfaron; dam, Blonde 36.

369—Monte Christo, exhibited by Sass & Miller, Ancona, Ill.; bred by C. Namur, France; foaled March 2, 1883; sire, Fanfaron; dam, Brune.

370—Voltaire XI., imported and exhibited by Degen Bros., Ottawa, Ill.

371—Brilliant, exhibited by B. L. Rogers, Lyons, Iowa; imported; foaled May, 1882; sire, Sultan; dam, Fanny.

372—Forzron, imported and exhibited by John Virgin, Fairbury, Ill. Breeding not given.

373—Pronder, imported and exhibited by John Virgin, Fairbury, Ill.

374—Marquis, exhibited by T. G. Riley, Forest, Ill.; foaled, 1880; imported.

375—General Forest, exhibited by T. G. Riley, Forest, Ill.; foaled, 1880; imported.

376—Tritoma, exhibited by Shaubach & Eaton, Tonica, Ill.; foaled, 1882; imported.

*Best Stallion 3 and under 4 years—6 entries.*

377—Finnleton, imported and exhibited by Degen Bros., Ottawa, Ill.

378—Paupin, imported and exhibited by John Virgin & Co., Fairbury, Ill.; foaled, 1884.

379—Parrot, exhibited by John Virgin & Co., Fairbury, Ill.; foaled, 1884; imported.

380—Colin, exhibited by John Virgin & Co., Fairbury, Ill.; foaled, 1884; imported.

381—Sandan, exhibited by John Virgin & Co., Fairbury, Ill.; foaled, 1884; imported.

382—Chasseur, exhibited by John Virgin & Co., Fairbury, Ill.; foaled, 1884; imported.

*Best Stallion 2 and under 3 years—3 entries.*

383—Beau Noir, exhibited by Sass & Miller, Ancona, Ill.; bred by G. Perier, France; foaled April 22, 1885; sire, N; dam, Ryon.

384—Abelon, exhibited by John Virgin & Co., Fairbury, Ill.; foaled, 1885; imported.

385—Jumbo, bred and exhibited by Thos. G. Riley, Forest, Ill.; foaled May 24, 1885; sire, General Forest 2303; dam, Baby.

*Best Mare 4 years old or over—2 entries.*

386—Dimitt, exhibited by Dillon Bros., Normal, Ill.; foaled, 1881.

387—Linnet B, bred and exhibited by Dillon Bros, Normal, Ill.; foaled, 1883; sire, Leisure B 467; dam, Cullalie 915.

*Best Mare 3 and under 4 years—1 entry.*

388—Surprise, exhibited by Dillon Bros., Normal, Ill.; bred by J. H. Funk, Dwight, Ill.; foaled, 1884; sire, Leisure B 467; dam, Gertrude 943.

*Best Mare 2 and under 3 years—2 entries.*

389—Melissa B, bred and exhibited by Dillon Bros., Normal, Ill.; foaled, 1885; sire, Evelena B 934; dam, Extrador 2423.

390—Mina, imported and exhibited by John Virgin & Co., Fairbury, Ill.; foaled, 1885.

## LOT 29—PERCHERON (full blood).

*Best Stallion 4 years old or over—8 entries.*

391—Bonvreiul, exhibited by Degen Bros., Ottawa, Ill.; foaled, May 1, 1883; sire Selim 749; dam, Esperance 5370.

392—Angot, exhibited by J. D. Becket, Chicago, Ill.; bred by M. Laine, Dep. Sarthe, France; foaled May 6, 1883; sire, Flievius 381; dam; Bonore 9668.

393—Gilbert, exhibited by Leonard Johnson, Northfield, Minn.; bred by M. Shalot, Ceton, France; foaled March, 1882; sire, Brilliant 1271; dam, Sophia 7694.

394—Briard, exhibited by Leonard Johnson, Northfield, Minn.; foaled April, 1882; bred by M. Tafforeau, La Ferte, Bernard, France; sire, Brilliant 1271; dam, Pelote 4885.

395—Vert Gallant, exhibited by Leonard Johnson, Northfield, Minn.; bred by M. Miteau, France; foaled March, 1883; sire, Producteur; dam, Mouchette 4024.

396—Stradat 7112, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1880; sire, Passe Partout 1402; dam, Biché 12004.

397—Cheri 5614, exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1882; sire, Vermouth 5497; dam, Biché 73281.

398—Corsican 1299, exhibited by S. Maloney, Jr., Belvidere, Ill., foaled, 1878; sire, Vermouth 1820; dam, Jeanne, by Vieux-Chaslin 713; imported 1881.

*Best Stallion 3 and under 4 years—8 entries.*

399—Bernadotte, imported and exhibited by Degen Bros., Ottawa, Ill.; foaled, 1884.

400—Madere XI., exhibited by Jas. D. Becket, Chicago, Ill.; bred by Eugene Lecouer, Commune of Sees, Dept. of Orne, France; foaled May 12, 1884; sire, Solide 11433; dam, Poule 8192.

401—Romeo, exhibited by Jas. D. Becket, Chicago, Ill.; bred by M. Desuroo, France; foaled June 1, 1884; sire, Joly 5500; dam, Sophia 8140.

402—Pollux 6984 (6880), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1884; sire, Papillon (3559) 379; dam, Mirane 6879.

403—Pacha 6977 (4368), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1884; sire, Gerome 3655 (436); dam, Castille (6334).

404—Venteur 6995 (6182), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1884; sire, Rustique 3601 (624); dam, Rustique (6181).

405—Atilla 7015 (6201), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1884; sire, Luther 4093 (212); dam, Cocotte (1209).

406—Lerida 6969 (6780), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1884; sire, Gerome 3655 (436); dam, L'Amie (6779).

*Best Stallion 2 and under 3 years—3 entries.*

407—Leopold, exhibited by Leonard Johnson, Northfield, Minn.; bred by M. Henri, France; foaled May, 1885; sire, Voltaire 443; dam, Bretonne 4327.



- 408—Absalon 7017 (8605), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1885; sire, Childebert 4233 (451); dam, Cocotte (5919).
- 409—Gastronome 7058 (8952), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled, 1885; sire, Papillon 2444; dam, Souris (8786).

*Best Mare 4 years old or over—9 entries.*

- 410—Modesty G., bred and exhibited by Dillon Bros., Normal, Ill.; foaled June, 1876; sire, Saint Laurent 435; dam, Gertrude 556.
- 411—Lorilee, bred and exhibited by Dillon Bros., Normal, Ill.; foaled 1880; sire, Loiret 715; dam, Modesty G. 586.
- 412—Essie G., bred and exhibited by Dillon Bros., Normal, Ill.; foaled 1883; sire, Dundee 1589; dam, Lorilee G. 1532.
- 413—Tulip, imported and exhibited by Degen Bros., Ottawa, Ill.; foaled ———.
- 414—Sada, bred and exhibited by Leonard Johnson, Northfield, Minn.; foaled 1883; sire, Cheer 2017 (1404); dam, Cinda 895.
- 415—Mascotte 6927 (4265), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1882; sire, Papillon 3511 (2141); dam, Lisette (4263).
- 416—Bijourie 2759 (1527), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1882; sire, Producteur; dam, by Papillon.
- 417—Giaria 2755 (1531), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1882; sire, Emigrant 1241 (764); dam, by Gladiator (742).
- 418—Favorita 4360 (4410), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1882; sire, Madere II. (2994); dam, L'Amie (317).

*Best Mare 3 and under 4 years old—5 entries.*

- 419—Anna G., bred and exhibited by Dillon Bros., Normal, Ill.; foaled 1884; sire, Suitor 4456; dam, Lorilee G. 1532.
- 420—Messagere 5129 (6762), imported and exhibited by Leonard Johnson, Northfield, Minn.; foaled 1884; sire, Vaillant 404; dam, Lisette 272.
- 421—Zoe 6930 (3032), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1884; sire, Voltaire 3540 (443); dam, Lisette 1729.
- 422—Babie 7129 (8721), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1884; sire, Desire (1946); dam, Bleue 8720.
- 423—Fregate 5639 (5974), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled May 15, 1884; sire, Vaillant (404); dam, Pelotte 5973.

*Best Mare 2 and under 3 years—7 entries.*

- 424—Margot, imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1885; sire, La Ferte 5144 (452); dam, Chaton (7020).
- 425—Lancette 5672 (6994), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1885; sire, La Ferte 5144 (452); dam, Pelotte (6993).
- 426—Julia 5676 (7015), imported and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1885; sire, La Ferte 5144 (452); dam, Brillante (7014).
- 427—Medora 4386, bred and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1885; sire, Brilliant 1271 (755); dam, Mere 2775 (1497).
- 428—Mirane 4379, bred and exhibited by M. W. Dunham, Wayne, Ill.; foaled April 2, 1885; sire, Brilliant 1271 (755); dam, Millicent 2791.
- 429—Rosalene 5176, bred and exhibited by M. W. Dunham, Wayne, Ill.; foaled 1885; sire Brilliant 1271 (755); dam, Rose 2771 (1542).
- 430—Rafale 4391, bred and exhibited by M. W. Dunham, Wayne, Ill.; foaled April 17, 1885; sire, Brilliant 1271 (755); dam, Rachael 1461 (1460).

## LOT 30—BELGIAN (Full Blood).

*Best Stallion 4 years old or over—6 entries.*

- 430—Major, exhibited by Degen Bros., Ottawa, Ill., foaled 1880.
- 431—Sultan No. 74, exhibited by B. L. Rogers, Lyons, Iowa.
- 432—Hercules; bred and exhibited by Wabash Importing Co., Wabash, Ind.; foaled 1883; sire, Hercules; dam, Vermoeson.
- 433—Bayard 62, bred and exhibited by Wabash Importing Co., Wabash, Ind.; foaled 1883; sire, Tableau; dam, Marmotte.
- 434—Brilliant, bred and exhibited by Wabash Importing Co., Wabash, Ind.; foaled 1882; sire, Blond; dam, Charlotte.
- 435—Baron, bred and exhibited by the Wabash Importing Co., Wabash, Ind.; foaled 1888; sire, Martin; dam, Liza.

*Best Stallion 3 and under 4 years—5 entries.*

- 436—Jules Cesar, exhibited by Degen Bros., Ottawa, Ill., foaled 1884.
- 437—Sultan 11, exhibited by Degen Bros., Ottawa, Ill.; foaled 1884.
- 438—Burgoyne, bred and exhibited by the Wabash Importing Co., Wabash, Ind.; foaled 1884; sire, Bayard; dam, Fannie.
- 439—Lion, bred and exhibited by the Wabash Importing Co., Wabash, Ind.; foaled in 1884; sire, Rubens; dam, Marie.
- 440—Bayard 65, bred and exhibited by Wabash Importing Co., Wabash, Ind.; foaled 1884; sire, Bayard; dam, ———.

*Best Stallion 2 and under 3 years—3 entries.*

- 441—Beau Sire, exhibited by Degen Bros., Ottawa, Ill.; foaled 1885.
- 442—Legros, bred and exhibited by the Wabash Importing Co., Wabash, Ind.; foaled 1885; sire, Brilliant; dam, Maretto.
- 443—General, bred and exhibited by the Wabash Importing Co., Wabash, Ind., foaled 1885; sire, Vaillant; dam, Cocotte.

*Best Mare 4 years old or over—No entry.*

*Best Mare 3 and under 4 years—No entry.*

*Best Mare 2 and under 3 years—No entry.*

## LOT 31—CLYDESDALE (Full Blood.)

*Best Stallion 4 years old or over—19 entries.*

- 444—Cedric, exhibited by Robt. Holloway, Alexis, Ill.; bred by James McCall, Gallowhill, Scotland; foaled May, 1875; sire Prince of Wales 487 (673); dam, Knockdon Maggie, by Ivanhoe 916 (396).
- 445—Simple Jamie, exhibited by Robt. Holloway, Alexis, Ill.; bred by Jas. Milroy, Goldenock, Scotland; foaled 1882; sire, Lord Lyon 855; dam, Maggie Lander (253).
- 446—St. Cuthbert, exhibited by Robt. Holloway, Alexis, Ill.; bred by Jas. Allison, Claylands, Scotland; foaled April 15, 1881, sire, Royal Prince 1521; dam, Rose of Claylands (1884).
- 447—Glencoe, exhibited by Galbraith Bros., Janesville, Wis.; bred by Mr. Holdesworth, Colteness, Scotland; foaled June, 1877; sire, Prince of Wales 487 (673); dam, Empress.
- 448—The Milroy, exhibited by Galbraith Bros., Janesville, Wis.; bred by Jas. Milroy, Goldenock, Scotland; foaled 1883; sire, Master Lyon (2282); dam, Mary of Goldenock (2335).
- 449—Young Sanquhar, exhibited by Galbraith Bros.; Janesville, Wis.; bred by J. Hunter, Machriebeg, Scotland; foaled 1883; sire, Sanquhar 2393; dam, Jess (1356).



- 450—Sensation, exhibited by Galbraith Bros., Janesville, Wis.; bred by J. Galbraith, Killearn; Scotland; foaled 1881; sire, Druid (1120); dam, Jess of the Earn.
- 451—Pickwick 3266, exhibited by Banks & Hilt, La Porte, Ind.; bred by Andrew Bruce, Jordanston, Scotland; foaled April 9, 1883; sire, Royal Sovereign 3151; dam, Jordanston Jean (35).
- 452—Turcoman, exhibited by Stericker Bros., Springfield, Ill.; bred by Michael Stewart, Bart, Scotland; foaled April 9, 1880; sire, Keir (1167); dam, Tulip (894).
- 453—Salisbury, exhibited by Jno. C. Huston, Blandinsville, Ill.; bred by Wm. Hood, Kirkend, Scotland; foaled May, 15, 1883; sire, MacGregor (1487); dam, Sally (165).
- 454—Robert the Bruce, exhibited by Jno. Huston, Blandinsville, Ill.; bred by Mrs. Black, Port Gleason, Scotland; foaled 1883; sire, Top Gallant (1850); dam, Mamie (1943).
- 455—Pride of the Glen 3080, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by P. Anderson, Port William, Scotland; foaled, 1882; sire, Pride of Dnnlap (1244); dam, Jess of Glentri-flock 682.
- 456—Stumah 5381, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by John Duncan, Kilmure, Scotland; foaled, 1883; sire, Sir Michael (1530); dam, Jess of Blairmore (2162).
- 457—Grand Times 2843, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by Peter McCosh, Strauser, Scotland; foaled, 1882; sire, Old Times (579); dam, Lilly, 1551.
- 458—Glencree 3642, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by J. Muir, Whithorn, Scotland; foaled, 1883; sire, Glenlee 363; dam, Maggie of High Marus 2572.
- 459—Tip Top, exhibited by Henry Bros., Indianapolis, Ind.; bred by A. E. McCracken, Gillespie, Scotland; foaled April 22, 1881; sire, Topsman (840); dam, Craiglemine Logan (306).
- 460—Daring Foe, exhibited by Wm. Niles, La Porte, Ind.; bred by Robt. Spittal, Kenmuir, Scotland; foaled April, 1880; sire, Kenmuir's Prince (1459); dam, Moll 648.
- 461—Conningsly, exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; bred by Messrs. Sheenan, Balig, Kircubright; foaled May 24, 1881; sire, Prince Imperial (1258); dam, Darling II of Balig, (374).
- 462—Armathwaite Champion, exhibited by Cater Bros., Libertyville, Ill.; foaled, 1882; sire, Prince Henry (1257); dam, by Lord Clyde 477.

*Best Stallion 3 and under 4 years—11 entries.*

- 463—Pointsman Again, bred and exhibited by Robert Holloway, Alexis, Ill.; foaled April 20, 1884; sire, Pointsman 1912; dam, Kilbernie Belle 299.
- 464—Blantyre Chief, exhibited by Galbraith Bros., Janesville, Wis.; bred by Mrs. Murdoch, Haugh-brad, Scotland; foaled, 1884; sire, St. Lawrence (3220); dam, Norah (3833).
- 465—Holyrood, exhibited by Galbraith Bros., Janesville, Wis.; bred by A. M. Cowan, Scotland, foaled, 1884; sire, Auld Reekie 1920; dam, Kate of Banks (2612).
- 466—Grand Type 3269, exhibited by Banks & Hilt, La Porte, Ind.; bred by W. R. Bowman, Thornhill, Ont., Canada; foaled April 15, 1884; sire, Dandy Jim 2748; dam, Nelly of Thornhill 3268.
- 467—The Mahdi, exhibited by Jno. C. Huston, Blandinsville, Ill.; bred by J. McMeekon, Kirkcolm, Scotland; foaled June 19, 1884; sire, Adair (3367); dam, Nell of Milton 839.
- 468—Sir Christopher, exhibited by Jno. C. Huston, Blandinsville, Ill.; bred by C. Irving, Castle Douglas, Scotland; foaled May 25, 1884; sire, Charmer 2014; dam, Sally 2384.
- 469—Mac Brayne, exhibited by Jno. C. Huston, Blandinsville, Ill.; bred by R. Craig, Dalry, Scotland; foaled May 5, 1884; sire, MacGregor 1487; dam, Rosie 3363.
- 470—Millimain, exhibited by Jno. C. Huston, Blandinsville, Ill.; bred by J. Meikle, Kilwinning, Scotland; foaled April 4, 1884; sire, Top Gallant (1850); dam, Kate.
- 471—Lead the Way, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by J. McDonald, Renfrew, Scotland; foaled, 1884; sire Perfection 3883; dam, Lilly of Porterfield 3874.
- 472—Baron Victor 2415, bred and exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; foaled August 21, 1884; sire, Baron Pollock 658; dam, Bessie Lee 727.
- 473—Tamworth, exhibited by Raeside Bros, Wankegan, Ill.; bred by Keir Trustees, Keir, Scotland; foaled May 11, 1884; sire, Yongg Lorne (997); dam, Keir Young Maggie (197).

*Best Stallion 2 and under 3 years—16 entries.*

- 474—Laird of Moray, exhibited by Door Prairie Live Stock Association; bred by Jas. Mackessack, Earnside, Scotland; foaled April 1, 1885; sire, Clydesdale Prince 1623; dam, Dandy of Earnside 2696.

- 475—Steadfast, bred and exhibited by Robert Holloway, Alexis, Ill.; foaled May 29, 1885; sire, Tarbreoch 1744; dam, Duchess 1571.
- 476—Earl of Tornorrock, exhibited by Galbraith Bros., Janesville, Wis.; bred by R. D. Barre, Cunningham, Scotland; foaled May 23, 1885; sire, Gilderoy 1438; dam, Dora (499).
- 477—Dollar Yet, exhibited by Galbraith Bros., Janesville, Wis.; bred by Robert Black, Bankhead, Scotland; foaled May, 1885; sire, Coming King; dam, Jessie (5945).
- 478—Graham's Fancy, exhibited by Galbraith Bros., Janesville, Wis.; bred by W. Graham, Tughall, Scotland; foaled May, 1885; sire, Barney 3398; dam, Kate (3541).
- 479—Bengulion, exhibited by Galbraith Bros., Janesville, Wis.; bred by Archibald Mitchell, Clockheil, Scotland; foaled July 5, 1885; sire, Newman (2305); dam, Blossom of Clockheil (2545).
- 480—Belaire of Oakland 2157, exhibited by Banks & Hilt, La Porte, Ind.; bred by A. McClellan, Door Village, Ind.; foaled October, 1885; sire, Young Pointsman 1150; dam, Belle 1723.
- 481—Lord James, exhibited by Alex Hunter, Caledonia, Ill; foaled, 1885.
- 482—Diamond Cross, exhibited by Jno. C. Huston, Blandinsville, Ill.; bred by R. McClelland, Kirkwinner, Scotland; foaled, 1885; sire, Garnet Cross (1662); dam, Delight (2597).
- 483—Wrangler, exhibited by J. C. Huston, Blandinsville, Ill.; bred by A. Hanny, Sorbie, Scotland; foaled May 11, 1885; sire, Windsor (2509); dam, Jean (1311).
- 484—Privateer, exhibited by J. C. Huston, Blandinsville, Ill.; bred by A. & R. Brownlie, New Mains, Scotland; foaled, 1885; sire, Douglas Chief (2603); dam, Lily 1046.
- 485—Auchenbowie, exhibited by J. C. Huston, Blandinsville, Ill.; bred by T. McFarlane, Bannocktown, Scotland; foaled April 28, 1885; sire, Guardsman (3675); dam, Nelly (4806).
- 486—Corsair 3d, bred and exhibited by Wm. Moffatt & Bro., Paw Paw, Ill.; foaled May 13, 1885; sire, Corsair 1419; dam, Darling VIII.
- 487—The Leader, bred and exhibited by Raeside Bros., Waukegan, Ill.; foaled 1885; sire, Millrig 2463; dam, Gracy 2465.
- 488—McQueen, exhibited by R. B. Ogilvie, Madison, Wis.
- 489—Gladstone of Oak Park, exhibited by R. B. Ogilvie, Madison, Wis.

*Best Mare 4 years old or over—7 entries.*

- 490—Leoline, exhibited by the Door Prairie Live Stock Association, Door Village, Ind.; bred by Donald McKimmon, Scotland; foaled 1876; sire, Parsly Rock, 581; dam, Maggie
- 491—Cherry Ripe, exhibited by Robert Holloway, Alexis, Ill.; bred by Hugh Kerr, Anchinclough, Scotland; foaled 1879; sire, Sovereign 345; dam, Maggie of Anchinclough (3672).
- 492—Beauty, exhibited by Galbraith Bros., Janesville, Wis.; bred by Jno. C. Toppin, Musgrave Hall, Eng.; foaled May, 1880; sire, Duke of Edinburgh (246); dam, Bess of Musgrave Hall (5112).
- 493—Darling, exhibited by Jno. C. Huston, Blandinsville, Ill.; bred by J. Laurie, Malvern, Ont.; foaled 1881; sire, Broomfield 73; dam, Darling, imported.
- 494—Gracy, imported and exhibited by Raeside Bros., Waukegan, Ill; foaled July 2, 1881; sire, The Bishop (1542); dam, Missie (4316).
- 495—Netty of Jordanston, exhibited by R. B. Ogilvie, Madison, Wis.; bred by Andrew Bruce, Jordanston, Scotland; foaled May, 1876; sire, Thane of Glamis; dam, Jordanston Jean 35.
- 496—Olive of Jordanston, exhibited by R. B. Ogilvie, Madison, Wis.; bred by Andrew Bruce, Jordanston, Meigh, Scotland; foaled June 22, 1880; sire, Druid (1120) dam, Netty of Jordanston 705.

*Best Mare 3 and under 4 years—1 entry.*

- 497—Lily, exhibited by Galbraith Bros., Janesville, Wis.; bred by James Forrester, Cumbernauld, Scotland; foaled 1884; sire, His Royal Highness (2165); dam, Old Jean, by Young Black Leg.

*Best Mare 2 and under 3 years—4 entries.*

- 498—Minnie Tarbreoch, bred and exhibited by Robert Holloway, Alexis, Ill.; foaled April 4, 1885; sire, Tarbreoch 1744; dam, Minnie 1612.
- 499—Belle Tarbreoch, bred and exhibited by Robert Holloway, Alexis, Ill.; foaled May 14, 1885; sire, Tarbreoch 1744; dam, Kilbernie Bell 299.



500—Sarah 2791, bred and exhibited by Banks & Hilt, LaPorte, Ind.; foaled October 4, 1885; sire, Young Conqueror 1167; dam, Vick 2148.

501—Queen of Lyons, exhibited by R. B. Ogilvie, Madison, Wis.; foaled 1885.

## LOT 31 $\frac{1}{2}$ —RECORDED CLYDESDALES.

*Best Stallion 4 years old or over—12 entries.*

*Best Stallion 3 and under 4 years—8 entries.*

*Best Stallion 2 and under 3 years—12 entries.*

*Best Stallion 1 and under 2 years—5 entries.*

502—Cairnbrogie 1st, exhibited by Robert Holloway, Alexis, Ill.; foaled 1886.

503—Cairnbrogie 2d, exhibited by Robert Holloway, Alexis, Ill.; foaled 1886.

504—Handsome, exhibited by Robert Holloway, Alexis, Ill.; foaled 1886.

505—King Lear, exhibited by Raeside Bros., Waukegan, Ill.; bred by A. McMurray, Scotland; foaled May 4, 1886; sire, Crown Jewel 2708; dam, Brilliant Rose.

506—King George 3112, bred and exhibited by A. Z. Blodgett, Waukegan, Ill.; foaled May 2, 1886; sire, King o' the Causey 1935; dam, Pandora 1371.

*Best Stallion Colt under 1 year—3 entries.*

507—Cloth of Gold, exhibited by Robt. Holloway, Alexis, Ill.; foaled 1887.

508—Stalwart, exhibited by Robert Holloway, Alexis, Ill.; foaled 1887.

509—King Harry 3486, bred and exhibited by A. Z. Blodgett, Waukegan, Ill.; foaled May 27, 1887; sire, King o' the Causey 1935; dam, Minnie Harry 1056.

*Best Mare 4 years old or over—6 entries.*

*Best Mare 3 and under 4 years—1 entry.*

*Best Mare 2 and under 3 years—5 entries.*

510—Maud of Oak Grove, bred and exhibited by John C. Huston, Blandinsville, Ill.; foaled 1885; sire, Scottish Times 1282; dam, Darling 858.

*Best Mare 1 and under 2 years—1 entry.*

511—St. Cuthbert's Daisy, exhibited by Robert Holloway, Alexis, Ill.

*Best Mare under 1 year—4 entries.*

512—St. Cuthbert's Maggie, exhibited by Robert Holloway, Alexis, Ill.

513—Beautiful Princess, exhibited by Robert Holloway, Alexis, Ill.

514—Melody, exhibited by Galbraith Bros., Janesville, Wis.

515—Bonnie Maggie, bred and exhibited by A. Z. Blodgett, Waukegan, Ill.; foaled May 9, 1887; sire, King o' the Causey 1935; dam, Maggie May 142.

## LOT 32—ENGLISH SHIRE. (Full Blood.)

*Best Stallion 4 years old or over—13 entries.*

- 516—Holland Major, exhibited by George E. Brown & Co., Aurora, Ill.; bred by Earl of Warwick, Warwick, Eng.; foaled 1882; sire, Right Sort 2483; dam, Kingston Smart.
- 517—King John, exhibited by George E. Brown & Co., Aurora, Ill.; bred by J. G. Sharman, Pinchbeck, Eng.; foaled 1883; sire, Champion 450, dam, by Stonton 2382.
- 518—Agricola (2700), exhibited by Galbraith Bros., Janesville, Wis.; bred by Valentine Godfrey, Cambridgeshire, Eng.; foaled 1881; sire, Thumper 2136; dam, Darling.
- 519—Caractacus, exhibited by Galbraith Bros., Janesville, Wis.; bred by Wm. Way, Oxfordshire, Eng.; foaled 1882; sire, Pompeii 1759; dam, Albury Blackbird.
- 520—Buckden 4921, exhibited by Galbraith Bros., Janesville, Wis.; bred by Wm. Cranfield, Huntingdon, Eng.; foaled 1883; sire, Chatteris Heart of Oak 2742; dam, Trimmer.
- 521—The Centaur, exhibited by Galbraith Bros., Janesville, Wis.; bred by ——— Sharp, Banbury, Eng.; foaled 1883; sire, Thumper 2136; dam, Philomedes.
- 522—King Spark, exhibited by J. D. Becket, Chicago, Ill.; bred by John Frankham, Essex, Eng.; foaled 1883; sire, Spark 2497; dam, Blossom.
- 523—Stockley Tom, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by Thos. A. Turner, Presteign, Eng.; foaled 1883; sire, Honest Tom 4468; dam, Darby.
- 524—Saxon, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by John Wilson, Spilsby, Eng.; foaled 1882; sire, Boxer 2999; dam, Brisk.
- 525—Blythe Tom, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by Henry Stone, West Retford Notts, Eng.; foaled 1882; sire, Tom of the Shires 2682; dam, Damsel by Oxford 1695.
- 526—Beaconsfield the 2d (2529), exhibited by Burgess Bros., Wenona, Ill.; bred by R. K. Porter, Cambridgeshire, Eng.; foaled 1876; sire, Lord Beaconsfield (115); dam, Countess the Younger.
- 527—Broughton Prince, exhibited by Burgess Bros., Wenona, Ill.; bred by James How, Broughton, Eng.; foaled 1883; sire, Chatteris Le Bon 3023; dam, Diamond.
- 528—Top Gallant, exhibited by Cater Bros., Libertyville, Ill.; bred by Mr. Richmond, Lancashire, Eng.; foaled 1880; sire, Emperor II (697); dam by Honest Tom (1105).

*Best Stallion 3 and under 4 years—16 entries.*

- 529—Lord Byron, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by R. Mendham, Holbeach Drove, Linc, Eng.; foaled 1884; sire, Farmer's Glory 3080; dam by Thumper 2136.
- 530—Don Pedro, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by W. Peake, Spalding, Linc, Eng.; foaled 1884; sire, True Briton 2684; dam by Hydraulic 1130.
- 531—Knight Templar, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by ——— Page, Spalding, Linc, Eng.; foaled 1884; sire, Thumper 2136; dam by Waxwork 2302.
- 532—Lincoln, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by N. Flint, Spalding Marsh, Eng.; foaled 1884; sire, Honest Tom 3731; dam, by Wonder 2357.
- 533—Portland Wonder, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by Thos. Atkinson, Postland Crowland, Eng.; foaled 1884; sire, Wonder 2361; dam, by Ploughboy 1744.
- 534—Carter, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by J. Martin, Wainfleet, Eng.; foaled 1884; sire, Waggoner 2237; dam, by Drayman 657.
- 535—Eagle, exhibited by Geo. E. Brown & Co., Aurora, Ill.; bred by J. Candwell, Holbeach Marsh, Eng.; foaled 1884; sire, Gibraltar 2788; dam, by President 3259.
- 536—Prince Royal, exhibited by Galbraith Bros., Janesville, Wis.; bred by W. W. McGibbon, Burton on Trent, Eng.; foaled 1884; sire, Royal Albert 1885; dam, Madam.
- 537—Satisfaction (5327), exhibited by Galbraith Bros., Janesville, Wis.; bred by M. & E. Evans, Berrien, Eng.; foaled 1884; sire, St. Ives 2919; dam, Berrien Jolly.
- 538—Bold Prince (4263); exhibited by Galbraith Bros., Janesville, Wis.; bred by Ezra Chivers, Rampton, Eng.; foaled 1884; sire, Prince 2480; dam, by Active (41).
- 539—Ambassador 3d, (4206); exhibited by Galbraith Bros., Janesville, Wis.; bred by ——— Semper, Hardwick, Lincoln, Eng.; foaled 1884; sire, Blaze 2535; dam, by Brown Tom 343.
- 540—Masterpiece (5200); exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by E. Morton, Sheffield, Eng.; foaled 1884; sire, Don Carlos 2416; dam, by Masterman 2464.



- 541—Arbitrator 4208; exhibited by Burgess Bros., Wenona, Ill.; bred by Nottingham Corporation Sewage Farm Committee, Nottingham, Eng.; foaled 1884; sire, Nottingham 2636; dam, Rosebud.
- 542—Lothair (5184); exhibited by Burgess Bros., Wenona, Ill.; bred by John D. Lang, Knowle, Eng.; foaled 1884; sire, Naughty Tom 2853; dam, Bethea.
- 543—Jubilee, exhibited by Cater Bros., Libertyville, Ill.; bred by Jos. Chapman, Horncastle, Linc., Eng.; foaled 1883; sire, Admiral 2699; dam, Beauty, by Champion 429.
- 544—Blythe Matchless, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by John Lee, Yorks, Eng.; foaled 1884; sire, Matchless 1530; dam, by Brown Champion (292).

*Best Stallion 2 and under 3 years—16 entries.*

- 545—Harold Champion, exhibited by George E. Brown & Co., Aurora, Ill.; bred by A. Coates, Wisbeach, Eng.; foaled 1885; sire, Peter Eden (3251); dam, by Boxer II (5568).
- 546—Top Gallant, exhibited by George E. Brown & Co., Aurora, Ill.; bred by A. H. Clark, Spalding, Eng.; foaled 1885; sire, Holland Wonder (3136); dam, Miss Matchless.
- 547—Aurora Champion, exhibited by George E. Brown & Co., Aurora, Ill.; bred by A. H. Clark, Spalding, Eng.; foaled 1885; sire, Holland Wonder (3136); dam, Nancy Lee.
- 548—Hartington, exhibited by George E. Brown & Co., Aurora, Ill.; bred by C. Copley, Sleaford, Eng.; foaled 1885; sire, Drayman (3601); dam, by Wonder (2361).
- 549—Bay Chapel, exhibited by George E. Brown & Co., Aurora, Ill.; bred by R. Thacker, Moulton Chapel, Eng.; foaled 1885; sire, True Briton 2684; dam by Matchless (1535).
- 550—Deeping Ploughboy, exhibited by George E. Brown & Co., Aurora, Ill.; bred by Thos. Allin, Deeping, Eng.; foaled 1885; sire, Boro Champion (2537); dam by Ploughboy (1744).
- 551—Active, exhibited by George E. Brown & Co., Aurora, Ill.; bred by Mr. Waite, Holbeach, Eng.; foaled 1885; sire, King of the Valley (2854); dam by Thumper (2136).
- 552—Proud Tom, exhibited by George E. Brown & Co., Aurora, Ill.; bred by W. E. Elsey, Banmber, Eng.; foaled 1885; sire, Banmber Tom (2712); dam by Pride of England (1769).
- 553—Sir Roger 2d (5348); exhibited by Galbraith Bros., Janesville, Wis.; bred by Richard Middlebrook, Skelton, Eng.; foaled 1885; sire, Lincolnshire Tom (1367); dam, Rose by Sir Roger (2026).
- 554—Grove Spark, exhibited by Galbraith Bros., Janesville, Wis.; bred by — Bellivey, Doncaster, Eng.; foaled 1885; sire, Robin Hood (1874); dam by John Bull III.
- 555—Carlton Thumper, exhibited by Galbraith Bros., Janesville, Wis.; bred by Mrs. Gillaitt, Boston, Eng.; foaled 1885; sire, Thumper (2136); dam by Rutland Hero (1908).
- 556—Sprothro Matchless, exhibited by Galbraith Bros., Janesville, Wis.; bred by Thos. Lee, Askern, Eng.; foaled 1885; sire, What's Wanted (4178); dam by Matchless.
- 557—Sergeant, exhibited by Stericker Bros., Springfield, Ill.; bred by Samuel Shaw, Halifax; foaled 1885; sire, Northern King (2635); dam, Smutch.
- 558—Brown Prince 4918, exhibited by James D. Becket, Chicago, Ill.; bred by Thomas Kirby, Thame, Eng.; foaled 1885; sire, Wonder (4805); dam, Depper, by Champion (444).
- 559—Danntless, exhibited by Burgess Bros., Wenona, Ill.; bred by J. A. Barrs, Nailstone Hinckley, Eng.; foaled 1885; sire, Enterprise of Cannock 2772; dam, Darling.
- 560—John O'Gaunt, exhibited by Burgess Bros., Wenona, Ill.; bred by F. Bond, Louth, Eng.; foaled 1885; sire, Lincoln (1351); dam by Rival (2885).

*Best Mare 4 years old or over—3 entries.*

- 561—Queen of Merryton, exhibited by Galbraith Bros., Janesville, Wis.; bred by Lawrence Drew, Merryton, Eng.; foaled 1877; sire, Lincolnshire Lad 1196; dam, (not given.)
- 562—Lady Beaconsfield, exhibited by Burgess Bros., Wenona, Ill.; bred by F. Bond, South Lincolnshire, Eng.; foaled 1883; sire, Beaconsfield 2529; dam, Violet, by Hydraulic 1130.
- 563—Saltfleet Camellia, exhibited by Burgess Bros., Wenona, Ill.; bred by Wm. Drurey, South Lincolnshire, Eng.; foaled 1882; sire, Nonpareil 2857; dam by Drayman 3060.

*Best Mare 3 and under 4 years—3 entries.*

- 564—Sonsie, exhibited by Stericker Bros., Springfield, Ill.; bred by Samuel Shaw, Brooklands' Halifax, Yorks, Eng.; foaled 1884; sire, Northern King 2635; dam, Strawberry, by Prince Tom 3274.

565—Queen of Trumps, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by E. T. Bowen, Craven Arms, Eng.; foaled 1884; sire, Ace of Trumps (17); dam, Blackbird.

566—Wenona Queen, bred and exhibited by Burgess Bros., Wenona, Ill.; foaled 1884; sire, Victor (4143); dam, Grimoldby Queen.

*Best Mare 2 and under 3 years—2 entries.*

567—Hetty, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by Geo. Harrison, Everton Bawtry, Eng.; foaled 1885; sire, Hard Luck (3700); dam, Maid of the Dale.

568—The Princess, exhibited by Blair Bros. & Curry, Aurora, Ill.; bred by Lord Ellesmere, Manchester, Eng.; foaled 1885; sire, Peter Eden 3251; dam, (not given.)

## LOT 33—GRADE DRAFT HORSES.

*Best Stallion 4 years old or over—3 entries.*

569—Jolly Jim, exhibited by R. J. Wilson, Hebron, Ind.; bred by J. B. Balley, Sherbonville, Ill.; foaled June 20, 1879; sire, Marcus; dam by Honest Abe.

570—Young Niger, exhibited by W. W. Baldwin, Chicago, Ill.; foaled 1878; sire, imported Niger; dam, Norman mare.

571—Bar None, exhibited by R. B. Ogilvie, Madison, Wis.

*Best Stallion 3 and under 4 years—1 entry.*

572—Time o' Day, bred and exhibited by Brewster Peabody, Allegan, Mich.; foaled 1884; sire, Young Time o' Day; dam, Clydesdale-English Coach.

## CLASS C—SHEEP.

ALLAN C. RUSH, *Superintendent.*

## LOT 34—SOUTHDOWN.

*Best Wether over 2 years old—10 entries.*

573—Ed, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by J. Leach, Jacksonville, Ill.; dropped April 3, 1885; sire, Southdown; dam, Southdown.

574—Allen, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by J. Leach, Jacksonville, Ill.; dropped March 25, 1885; sire, Southdown; dam, Southdown.

575—Little Jumbo, exhibited by John Rutherford, Roseville, Ont.; bred by T. C. Douglas, Galt, Ont.; dropped May 10, 1885; sire, Quality (35); dam, No. 41.

576—Stanford, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by E. & A. Stanford, England; dropped February 15, 1884; sire, Stanford ram; dam, Stanford ewe.

577—Anderson, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Anderson & Son, Anderson, Ohio; dropped May 10, 1885; sire, Stanford ram; dam, Anderson ewe.

578—Remarkable, exhibited by T. W. Harvey, Turlington, Neb.

579—Graceful, exhibited by T. W. Harvey, Turlington, Neb.

580—David, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped March 1, 1885; sire, Son of Walsingham; dam, Stanford ewe.

581—Daniel, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped March 3, 1885; sire, Son of Walsingham; dam, Stanford ewe.

582—Darius, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped March 5, 1885; sire, Son of Walsingham; dam, Stanford ewe.



*Wether 1 and under 2 years—12 entries.*

- 583—Kentucky, exhibited by J. F. Rundel, Birmingham, Mich.; bred by G. F. Greddy, Spring Station, Ky.; dropped March, 1886; sire, Davenport Boy; dam, Greddy.
- 584—Larry, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by E. M. Chrisman, Merritt, Ill.; dropped February 25, 1886; sire, Southdown; dam, Southdown.
- 585—Elliott, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by Geo. Elliott, Harristown, Ill.; dropped February 12, 1886; sire, Southdown; dam, Southdown.
- 586—Pickrell, exhibited by J. H. Potts & Son, Jacksonville, Ill.; bred by Geo. Elliott, Harristown, Ill.; dropped April 15, 1886; sire, Southdown; dam, Southdown.
- 587—Victor, exhibited by John Rutherford, Roseville, Ont.; bred by T. C. Douglas, Galb, Ont.; dropped May 8, 1886; sire, Quality No. 35; dam, No. 42.
- 588—Beatty, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Ed. Beattie, London, Ont.; dropped March 15, 1886; sire, Jackson ram; dam, Beattie ewe.
- 589—Exquisite, exhibited by T. W. Harvey, Turlington, Neb.
- 590—Mutton Chops, exhibited by T. W. Harvey, Turlington, Neb.
- 591—Don, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped March 2, 1886; sire, Son of Walsingham; dam, Stanford ewe.
- 592—Doctor, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped March 4, 1886; sire, Son of Walsingham; dam, Stanford ewe.
- 593—Dan, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped March 7, 1886; sire, Son of Walsingham; dam, Stanford ewe.
- 594—'D,' bred and exhibited by E. & A. Stanford, Steyning, Eng.; bred March 9, 1886; sire, Son of Walsingham; dam, Stanford ewe.

*Wether under 1 year—7 entries.*

- 595—Charlie, bred and exhibited by J. H. Potts & Son, Jacksonville, Ill.; dropped February 23, 1887; sire, Champion 1495; dam, Southdown.
- 596—Ned, bred and exhibited by John Rutherford, Roseville, Ont.; dropped June 1, 1887; sire, Quality No. 35; dam, No. 41.
- 597—Jeff, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 8, 1887; sire, Jonas; dam, Colman ewe.
- 598—Diomedas, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped February 27, 1887; sire, Thompson; dam, Stanford ewe.
- 599—Dis, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped February 26, 1887; sire, Thompson; dam, Stanford ewe.
- 600—Delos, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped March 1, 1887; sire, Thompson; dam, Stanford ewe.
- 601—Discord, bred and exhibited by E. & A. Stanford, Steyning, Eng.; dropped March 2, 1887; sire, Thompson; dam, Stanford ewe.

## LOT 35—SHROPSHIRE.

*Best Wether 2 years old—7 entries.*

- 601½—Duke, exhibited by J. F. Rundel, Birmingham, Mich.; bred by F. S. Minton, Eng.; dropped March, 1885; sire, Enterprise 2018; dam by Country Member 1452.
- 602—Pet, bred and exhibited by B. Waddel, Marion, O.; dropped June 1, 1885; sire, imported Shropshire; dam, Shropshire.
- 602½—Model, bred and exhibited by Geo. Allen & Son, Archie, Ill.; dropped March 2, 1885; sire, Colonel 2d (277); dam, Lady Patentee 2d (250).
- 603—Beauty A., bred and exhibited by Geo. Allen & Son, Archie, Ill.; dropped April 3, 1885; sire, Patentee 3d (321); dam, Lady Clinker 2d (250).
- 604—Pandy A., bred and exhibited by Geo. Allen & Son, Archie, Ill.; dropped April 4, 1885; sire, Colonel 2d (277); dam, Lady Mary 2d (309).

605—Captain, bred and exhibited by Jno. Rutherford, Roseville, Ont.; dropped April 25, 1885; sire, Peter the Great; dam, Hammer ewe.

606—Allen, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Geo. Allen, Archie, Ill.; dropped March 18, 1884; sire, Chicker; dam, Stafford ewe.

*Best Wether 1 and under 2 years—6 entries.*

607—Choice, exhibited by J. F. Rundel, Birmingham, Mich.; bred by F. S. Minton, England.; dropped March, 1885; sire, Enterprise (2018); dam, by Country Member (1452).

608—Charley, bred and exhibited by Geo. Allen & Son, Archie, Ill.; dropped May 25, 1886; sire, Allsop (1766); dam, Lady Marson (315).

609—Model 2d, bred and exhibited by Geo. Allen & Son, Archie, Ill.; dropped June 5, 1886; sire, Canterbury Patentee 2d (238); dam, Lady Canterbury 13th 2507.

610—Patent, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped April 12, 1886; sire, Allsop (1766); dam, Lacy Cotton 4th (1931).

611—Brown, exhibited by Jno. Rutherford, Roseville, Ont.; bred by D. D. Wilson, Seaforth, Ont.; dropped May 1, 1886; sire, Excelsior; dam, ———.

612—Colonel, bred and exhibited by S. H. Todd, Wakeman, Ohio; dropped April 8, 1886; sire, Champion 2d; dam, Daisy 2182.

*Best Wether under 1 year—10 entries.*

613—Handy, exhibited by J. F. Rundel, Birmingham, Mich.; bred by F. S. Minton, England; dropped March, 1887; sire, Disappointment (499); dam, Eaton Sulton 1455.

614—Bar None, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped January 4, 1887; sire, Allsop; dam, Evans 4th.

615—Charley 2d, bred and exhibited by Geo. Allen & Son, Archie, Ill.; dropped April 28, 1887; sire, Allsop; dam, Lady Mary 2d.

616—Model 3d, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped May 2, 1887; sire, Allsop; dam, Maud 9th.

617—Henry, exhibited by Jno. Rutherford, Roseville, Ont.; bred by Wm. Walker, Ilderton, Ont.; dropped May 10, 1887; sire, Shropshire; dam, Shropshire.

618—Sampson, exhibited by Jno. Rutherford, Roseville, Ont.; bred by Sir Robt. Voder, England; dropped May 4, 1887; sire, Shropshire; dam, Shropshire.

619—Jim, exhibited by Jno. Rutherford, Roseville, Ont.; bred by D. D. Wilson, Seaforth, Ont.; dropped May 4, 1887; sire, Excelsior; dam, Shropshire.

620—Bradburn, Jr, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by H. & A. Bradburn, England; dropped February 12, 1887; sire, Rector (1769); dam, Coxcomb (457).

621—Captain, bred and exhibited by S. H. Todd, Wakeman, Ohio; dropped May 25, 1887; sire, Dirigo 2215; dam, Burleigh No. 24.

622—Captain 2d, bred and exhibited by S. H. Todd, Wakeman, Ohio; dropped May 28, 1887; sire, Dirigo 2215; dam, Burleigh No. 27.

## LOT 36—HAMPSHIRE.

*Best Wether over 2 years old—5 entries.*

623—Able, exhibited by J. F. Rundel, Birmingham, Mich.; dropped March, 1886; sire, Sir Garnett; dam, imported ewe.

624—Dandy, bred and exhibited by Jno. Rutherford, Roseville, Ont.

625—Keene, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Sir Lampton, Bart., England; dropped July 13, 1885; sire, Morrison; dam, Lady Keene.

626—Rowfant, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 28, 1885; sire, Exton; dam, Parsons.

627—Hudson, exhibited by R. J. Stone, Stonington, Ill.; bred by J. Hudson, Moweaqua, Ill.; dropped April 20, 1885; sire, imported Hampshire; dam, imported Hampshire.



*Best Wether 1 and under 2 years—4 entries.*

- 628—Mark, exhibited by J. F. Rundel, Birmingham, Mich.; bred by Mark Armstrong, Farmington, Mich.; dropped March 6, 1886; sire by Sir Garnett; dam, imported ewe.
- 629—Charlie, exhibited by Jno. Rutherford, Roseville, Ont.
- 630—Lampton, exhibited Mrs. Ann Newton, Pontiac, Mich.; bred by H. P. Keene, England; dropped March 12, 1886; sire, Sir Roger; dam, Rawlins.
- 631—Bart, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April, 1886; sire, Exton; dam, Lady Wood.

*Best Wether under 1 year—4 entries.*

- 632—A. H., exhibited by J. F. Rundel, Birmingham, Mich.; bred by G. Prime, Birmingham, Mich.; dropped 1887; sire, imported Hampshire; dam, imported Hampshire.
- 633—Stanford, exhibited by Jno. Rutherford, Roseville, Ont.
- 634—Hood, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 27, 1887; sire, Wouston; dam, Twitchum.
- 635—Dundry, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 17, 1887; sire, Wouston; dam, Melshum.

## , LOT 37—OXFORD.

*Best Wether over 2 years old—5 entries.*

- 636—Dick, exhibited by F. F. Wells, Kenny, Ill.; bred by Stone & Loake, Stonington, Ill.; dropped May 25, 1883; sire, Oxford; dam, Oxford.
- 637—Blodget, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Countess of Camperdown, England; dropped January 29, 1885; sire, Druce; dam, Lady Brassy.
- 638—Blodget, Jr., exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by A. D. Blodget, Grand Rapids, Mich.; dropped February 28, 1885; sire, Freeland, Jr.; dam, Cooper.
- 639—Champion, bred and exhibited by R. J. Stone, Stonington, Ill.; dropped April 26, 1885; sire, Lord Derby 639; dam, Miss Street 204.
- 640—Tuck, bred and exhibited by R. J. Stone, Stonington, Ill.; dropped April 30, 1885; sire, Lord Derby 639; dam, imported Duchess 1098.

*Best Wether 1 and under 2 years—6 entries.*

- 641—Champion of Wayne, bred and exhibited by J. E. Powis, Wayne, Ill.; dropped March, 1886; sire, Colussus 2d; dam, Queen Anne 1st of Wayne 778.
- 642—Hope of Wayne, bred and exhibited by J. E. Powis, Wayne, Ill.; dropped April, 1886; sire Colossus 2d of Wayne 1106; dam, Queen Elizabeth 1st of Wayne 779.
- 643—George, bred and exhibited by Jno. Rutherford, Roseville, Ont.; dropped April 26, 1886; sire, Baron Rothchild, imported; dam, Oxford.
- 644—Camperdown, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Lady Camperdown, England; dropped February 18, 1886; sire, Young Signet; dam, Street Ewe.
- 645—The Student, bred and exhibited by R. J. Stone, Stonington, Ill.; dropped April 20, 1886; sire, The Clipper 807; dam, Bedford Miss 802.
- 646—Professor, bred and exhibited by R. J. Stone, Stonington, Ill.; dropped April 20, 1883; sire, The Clipper 807; dam, Bedford Miss 802.

*Best Wether under 1 year—3 entries.*

- 647—Star, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 10, 1887; sire, Derry Armond; dam, Treadwell, imported.
- 648—Clipper, bred and exhibited by R. J. Stone, Stonington, Ill.; dropped April 28, 1887; sire, The Comet 2d 1201; dam, Belle 4th 1204.
- 649—Treadwell, bred and exhibited by R. J. Stone, Stonington, Ill.; dropped April 29, 1889; sire, The Clipper 807; dam, Ada J, 808.

## LOT 38—COTSWOLD.

### *Best Wether over 2 years old—4 entries.*

- 650—Mottle, exhibited by Frank Willson, Jackson, Mich.; bred by R. C. Kerr, Jackson, Mich.; dropped March 23, 1885; sire, Lord Graham 1033; dam, Dollie Akers 1244.
- 651—Mottle King, exhibited by Frank Willson, Jackson, Mich.; bred by R. C. Kerr, Jackson, Mich.; dropped March 23, 1885; sire, Lord Graham 1033; dam, Dollie Akers 1244.
- 652—Cherry, exhibited by John Rutherford, Roseville, Ont.; bred by Geo. Weeks, Glanworth, Ont.; dropped April 10, 1885; sire, Russell No. 21; dam, Weeks' No. 4.
- 653—Waters, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Thos. Waters, Canada, Ont.; dropped March 23, 1884; sire, Model; dam, Lady Brown.

### *Best Wether 1 and under 2 years—5 entries.*

- 654—Bonnie, bred and exhibited by Frank Willson, Jackson, Mich.; dropped March 28, 1886; sire, Gladstone; dam, Martha.
- 655—Leonard, bred and exhibited by Frank Willson, Jackson, Mich.; dropped March 16, 1886; sire, Gladstone; dam, Burford Belle.
- 656—Wakefield, exhibited by John Rutherford, Roseville, Ont.; bred by George Weeks, Glanworth, Ont.; dropped May 1, 1886; sire, Russel No. 271; dam, Weeks' No. 1.
- 657—Peter, exhibited by John Rutherford, Roseville, Ont.; bred by Geo. Weeks, Glanworth, Ont.; dropped May 1, 1886; sire, Russel No. 271; dam, Weeks' No. 3.
- 658—Rockwood, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Thos. Waters, Canada, Ont.; dropped March 19, 1886; sire, Model; dam, Miss Waters.

### *Best Wether under 1 year—2 entries.*

- 659—Weeks, exhibited by John Rutherford, Roseville, Ont.; bred by Geo. Weeks, Glanworth, Ont.; dropped June 1, 1887; sire, Russel No. 271; dam, Weeks' No. 3.
- 660—Beatty, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 9, 1887; sire, Monford; dam, Lady Jackson.

## LOT 39—LEICESTER.

### *Best Wether over 2 years old—4 entries.*

- 661—Jack, exhibited by John Rutherford, Roseville, Ont.
- 662—Sandie, exhibited by John Rutherford, Roseville, Ont.
- 663—Dick, exhibited by John Rutherford, Roseville, Ont.
- 664—Parkinson, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by David Beattie, London Ont.; dropped March 22, 1885; sire, Walker; dam, Nicols.

### *Best Wether 1 and under 2 years—4 entries.*

- 665—Sam, exhibited by John Rutherford, Roseville, Ont.
- 666—Harry, exhibited by John Rutherford, Roseville, Ont.
- 667—Tom, exhibited by John Rutherford, Roseville, Ont.
- 668—Walker, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Thos. Nicols, London, Ont.; dropped April 4, 1886; sire, Ladtow; dam, Shaffer.

### *Best Wether under 1 year—5 entries.*

- 669—Canada, exhibited by J. F. Rundel, Birmingham, Mich.; bred by W. E. Wright, Glanworth, Ont.; dropped March, 1887; sire, Oxford; dam, Oxford.
- 670—Bill, exhibited by John Rutherford, Roseville, Ont.
- 671—Frank, exhibited by John Rutherford, Roseville, Ont.



672—Bob, exhibited by John Rutherford, Roseville, Ont.

673—Nicols, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 8, 1887; sire, Weatherstone; dam, Fleming.

## LOT 40—LINCOLN.

*Best Wether over 2 years old—4 entries.*

674—Geordie Hood, exhibited by John Rutherford, Roseville, Ont.

675—Prince, exhibited by John Rutherford, Roseville, Ont.

676—Guerry, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Wm Parkinson, Guelph, Ont.; dropped March 27, 1885; sire, Sutton; dam, Cheshum.

677—Hoyt, exhibited by John Rutherford, Roseville, Ont.

*Best Wether 1 and under 2 years—3 entries.*

678—Snowball, exhibited by John Rutherford, Roseville, Ont.

679—Graham, Exhibited by John Rutherford, Roseville, Ont.

680—Shaffer, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 20, 1886; sire, Star of the West; dam, Walker.

*Best Wether under 1 year—4 entries.*

681—Joe, exhibited by John Rutherford, Roseville, Ont.

682—Lorne, exhibited by John Rutherford, Roseville, Ont.

683—Perry, exhibited by John Rutherford, Roseville, Ont.

684—Bishop, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 3, 1887; sire, Star of the West; dam, Ashton.

## LOT 41—CROSSES—(Grades excluded).

*Best Wether over 2 years.*

685—Warwick, exhibited by J. F. Rundel, Birmingham, Mich.; bred by Wm. Heim, Ontario; dropped March, 1885; sire, Shropshire; dam, Cotswold.

686—Model, exhibited by F. F. Wells, Kenney, Ill.; bred by J. Schrouman, Lee Summitt, Mo.; dropped April 25, 1884; sire, Merino; dam, Cotswold.

687—Bobby, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped May 9, 1884; sire, Shropshire; dam,  $\frac{1}{2}$  Shropshire,  $\frac{1}{2}$  Oxford.

688—Bobby 2d, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped April 21, 1885; sire, Shropshire; dam, Oxford.

689—Jumbo, exhibited by John Rutherford, Roseville, Ont.; bred by Andrew Caston, Bright, Ont.; dropped May 22, 1885; sire, Chief 10; dam, Lincoln.

690—Ben, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 4, 1885; sire, Chief 10; dam, Leicester.

691—Tip, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 24, 1885; sire, Royal Carlisle 33; dam, Leicester.

692—George, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 7, 1885; sire Sir Roger; dam, Lady Mansell.

693—Dandy, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by John Fleming, Waterford, Mich.; dropped April 14, 1885; sire, Monford; dam, Miss Gates.

694—Elegance, exhibited by T. W. Harvey, Turlington, Neb.

695—Pride, exhibited by T. W. Harvey, Turlington, Neb.

- 696—Turlington, exhibited by T. W. Harvey, Turlington, Neb.  
 697—None Such, exhibited by T. W. Harvey, Turlington, Neb.  
 698—Superb, exhibited by T. W. Harvey, Turlington, Neb.  
 699—Dandy, exhibited by R. J. Stone, Stonington, Ill.; bred by G. Hall, Willie Station, Ill.; dropped April 22, 1885; sire, Oxford; dam, Southdown.  
 700—Monitor, exhibited by S. H. Todd, Wakeman, Ohio; bred by John Salmon, Bloomingsburg, O.; dropped April 10, 1887; sire, Shropshire; dam, Merino.

*Best Wether 1 and under 2 years—18 entries.*

- 701—Ohio, exhibited by J. F. Rundel, Birmingham, Mich.; dropped 1886; sire, Southdown; dam, Cotswold.  
 702—Dick, bred and exhibited by Geo. Conley, Marshall, Mich.; dropped March 27, 1886; sire, Shropshire; dam, Merino.  
 703—Bobby 3d, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped March 27, 1886; sire, Shropshire; dam, Oxford.  
 704—Ned 2d, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped May 14, 1886; sire, Shropshire; dam, Hampshire.  
 705—Ned 3d, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped May 14, 1886; sire, Shropshire; dam, Hampshire.  
 706—Allen, bred and exhibited by J. H. Potts & Son, Jacksonville, Ill.; dropped March 25, 1885; sire, Southdown; dam, Southdown.  
 707—Jerry, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 20, 1886; sire, Southdown; dam, Leicester.  
 708—Smith, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 22, 1886; sire, Southdown; dam, Leicester.  
 709—Turpin, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 2, 1886; sire, British, Yeoman (110); dam, Lady Loder.  
 710—How Nice, exhibited by T. W. Harvey, Turlington, Neb.  
 711—President, exhibited by T. W. Harvey, Turlington, Neb.  
 712—Governor, exhibited by T. W. Harvey, Turlington, Neb.  
 713—Standard, exhibited by T. W. Harvey, Turlington, Neb.  
 714—Otie Chief, exhibited by T. W. Harvey, Turlington, Neb.  
 715—Dick, exhibited by R. J. Stone, Stonington, Ill.; bred by George Elliott, Harristown, Ill.; dropped April 30, 1886; sire, Oxford; dam, Southdown.  
 716—Tom, exhibited by R. J. Stone, Stonington, Ill.; bred by George Elliott, Harristown, Ill.; dropped April 25, 1886; sire, Oxford; dam, Southdown.  
 717—Bill, exhibited by R. J. Stone, Stonington, Ill.; bred by Geo. Elliott, Harristown, Ill.; dropped April 25, 1886; sire, Oxford; dam, Southdown.  
 718—Monitor 2d, exhibited by S. H. Todd, Wakeman, O.; bred by John Salmon, Bloomington, O.; dropped April 15, 1887; sire, Merino; dam, Shropshire.

*Best Wether under 1 year—11 entries.*

- 719—William, exhibited by J. F. Rundel, Birmingham, Mich.; bred by Wm. Beattie, Ontario; dropped 1887; sire, Shropshire; dam, Cotswold.  
 720—George, bred and exhibited by George Conley, Marshall, Mich.; dropped March 15, 1887; sire, Shropshire; dam, Merino.  
 721—Bobby 4th, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped April 9, 1887; sire, Shropshire; dam,  $\frac{1}{2}$  Shropshire,  $\frac{1}{2}$  Oxford.  
 722—Bobby 5th, bred and exhibited by G. Allen & Son, Archie, Ill.; dropped April 16, 1887; sire, Shropshire; dam,  $\frac{1}{2}$  Shropshire,  $\frac{1}{2}$  Oxford.  
 723—Blake, bred and exhibited by John Rutherford, Roseville, Ont.; dropped May 4, 1887; sire, Southdown; dam, Leicester.  
 724—Snowball, bred and exhibited by Jno. Rutherford, Roseville, Ont.; dropped May 4, 1887; sire, Southdown; dam, Leicester.



- 725—Ned, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 17, 1887; sire, Leicester; dam, Shropshire.
- 726—Dandy, exhibited by T. W. Harvey, Turlington, Neb.
- 727—Elliott 1st, exhibited by R. J. Stone, Stonington, Ill.; bred by Geo. Elliott, Harristown, Ill.; dropped April 28, 1887; sire, Oxford; dam, Southdown.
- 728—Elliott 2d, exhibited by R. J. Stone, Stonington, Ill.; bred by Geo. Elliott, Harristown, Ill.; dropped April 28, 1887; sire, Oxford; dam, Southdown.
- 729—Monitor 3d, exhibited by S. H. Todd, Wakeman, Ohio; bred by John Salmon, Bloomingsburg, Ohio; dropped April 20, 1887; sire, Merino; dam, Shropshire.

## LOT 42—SWEEPSTAKES.

- Best Southdown Wether shown in Lot 34—3 entries.*
- Best Shropshire Wether shown in Lot 35—3 entries.*
- Best Hampshire Wether shown in Lot 36—3 entries.*
- Best Oxford Wether shown in Lot 37—3 entries.*
- Best Cotswold Wether shown in Lot 38—3 entries.*
- Best Leicester Wether shown in Lot 39—3 entries.*
- Best Lincoln Wether shown in Lot 40—3 entries.*
- Best Crossbred Wether shown in Lot 41—3 entries.*

## LOT 43—GRAND SWEEPSTAKES.

- Best Wether in Show—9 entries.*

## LOT 44—PENS.

- Best pen Southdowns over 2 years, 1 and under 2 years, and under 1 year—5 entries.*
- Best pen of Shropshires over 2 years, 1 and under 2 years, and under 1 year—4 entries.*
- Best pen of Hampshires over 2 years old, 1 and under 2 years, and under 1 year—2 entries.*
- Best pen of Oxfords over 2 years, 1 and under 2 years, and under 1 year—2 entries.*
- Best pen of Cotswolds over 2 years, 1 and under 2 years, and under 1 year—3 entries.*
- Best pen of Leicesters over 2 years, 1 and under 2 years, and under 1 year—2 entries.*
- Best pen of Lincolns over 2 years, 1 and under 2 years, and under 1 year—2 entries.*
- Best pen of Crossbreds over 2 years, 1 and under 2 years, and under 1 year—8 entries.*

## LOT 45—SWEEPSTAKES PEN.

*Best pen in Lot 44—8 entries.*

## LOT 46—HEAVIEST FAT SHEEP.

*Open to all ages—10 entries.*

## LOT 47—DRESSED CARCASS.

*Best Carcass over 2 years old—15 entries.*

*Best Carcass 1 and under 2 years old—10 entries.*

*Best Carcass under 1 year—3 entries.*

## LOT 48—DRESSED CARCASS SWEEPSTAKES.

*Wether any age—3 entries.*

## LOT 49—GAIN PER DAY.

*Wether over six months of age showing greatest average gain per day, including weight at birth—8 entries.*

## LOT 50—COST OF PRODUCTION.

*Wether over 2 years old produced at the least cost per pound, live weight—2 entries.*

## CLASS D—SWINE.

SIMON ELLIOTT, *Superintendent.*

## LOT 51—BERKSHIRE.

*Best Barrow 12 and under 18 months—4 entries.*

730—Gallant Boy, exhibited by Frank Willson, Jackson, Mich.; bred by J. G. Snell & Bro., Edmonton, Ont.; farrowed June 23, 1886; sire, Top Gallant; dam, Lady Lyons.

731—Royal Harry, exhibited by Frank Willson, Jackson, Mich.; bred by J. G. Snell & Bro., Edmonton, Ont.; farrowed June 27, 1886; sire, Top Gallant; dam, Lady Lyons.

732—Macon, exhibited by W. A. Squier, Kenney, Ill.; bred by H. C. Allen, Harristown, Ill.; farrowed September 23, 1886; sire, Jimmy Balmoral 15269; dam, Beauty 13311.

733—Prince, exhibited by F. F. Wells, Kenney, Ill.; bred by J. P. Baker, Heyworth, Ill.; farrowed June 19, 1886; sire, by Brittish Sandy; dam, Buxom Bell,



*Best Barrow 6 months and under 12—1 entry.*

- 734—Prince of Kenney, exhibited by W. A. Squiers, Kenney, Ill.; bred by H. C. Allen, Harristown, Ill.; farrowed November 28, 1886; sire, Jimmy Balmoral, 15269; dam, Lady Norton 13310.

*Best Barrow under 6 months old—1 entry.*

- 735—Prince, exhibited by W. A. Squiers, Kenney, Ill.; bred by H. C. Allen, Harristown, Ill.; farrowed May 22, 1887; sire, Jimmy Balmoral 15269; dam, Princess of M. D. 13308.

## LOT 52—POLAND-CHINA.

*Best Barrow 12 months old and under 18—8 entries.*

- 736—Tom, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed July 8, 1886; sire, Royal 5107; dam, Maggie 20186.
- 737—Dick, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed September 7, 1886; sire, Royal 5107; dam, Diamond 6720½.
- 738—Harry, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed September 2, 1886; sire, Royal 5107; dam, Nellie 16644.
- 739—Stonington Boy, exhibited by R. J. Stone, Stonington, Ill.; bred by E. F. Hurlburt, Stonington, Ill.; farrowed June 8, 1886; sire, Hosier Boy 1969; dam, Onida 8844.
- 740—Rattler, bred and exhibited by W. P. Hayzlett, Bolckow, Mo.; farrowed August 20, 1886; sire, Lord Duffield 4th; dam, Belle Dame.
- 741—Star, bred and exhibited by W. P. Hayzlett, Bolckow, Mo.; farrowed August 4, 1886; sire, Fortune 527; dam, First Choice 3d 14796.
- 742—Henry, exhibited by F. F. Wells, Kenney, Ill.; bred by H. Harp, Clinton, Ill.; farrowed May 25, 1886; sire, by 1st Prize 8977; dam, Mary by Matchless 5711.
- 743—Black Prince, exhibited by S. H. Wakeman, O.; bred by George Hill, Wakeman, O.; farrowed May 25, 1886; sire, Black Rob by Star of the West 1985; dam, Hall's Best by Grant B 1575.

*Best Barrow 6 and under 12 months old—3 entries.*

- 744—Joe, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed November 21, 1886; sire, Royal 5107; dam, Pearl 16848.
- 745—Ed, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed December 27, 1886; sire, Nemo 6323; dam, Sallie A 17320.
- 746—Gordon, exhibited by W. P. Hayzlett, Bolckow, Mo.; bred by Powell Bros., Lee Summitt, Mo.; farrowed November, 10, 1886; sire, Cleveland 6805; dam, Clytie Daisy Modjeska 14362.

*Best Barrow under 6 months—2 entries.*

- 747—Sam, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed May 2, 1887; sire, Royal 5107; dam, Pearl 16848.
- 748—Dan, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed May 2, 1887; sire, Royal 5107; dam, Pearl 16848.

## LOT 53—CHESTER WHITE.

*Best Barrow 12 and under 18 months—3 entries.*

- 749—Get There, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed September 10, 1886; sire, George S. 41; dam, Snow Bank 1413.
- 750—Get There 2d, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed August 22, 1886; sire, Grant 4th 557; dam, Snow Ball 1416.
- 751—Thoroughbred, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; farrowed July 4, 1886; sire, Snow Ball 3553; dam, Snowflake 5008.

*Best Barrow 6 and under 12 months—4 entries.*

- 752—Tempest, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed April 5, 1887; sire, Grant 4th 5327; dam, Snow Bank 1418.
- 753—Tempest 2d, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed April 28, 1887; sire, George 541; dam, Ida 1012.
- 754—Little Spot, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; farrowed August 2, 1887; sire, Snowball 3555; dam, Snowflake 5008.
- 755—Croppy, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; farrowed January 2, 1887; sire Snowball 3555; dam, Snowflake 5008.

*Best Barrow under 6 months—3 entries.*

- 756—Sunshine, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed June 30, 1887; sire, Sample 711; dam, Cintha 864.
- 757—Sunshine 2d, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed May 10, 1887; sire Sample 711; dam, Tate 458.
- 758—Tom, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; farrowed May 15, 1887; sire, Snowball 3555; dam, Snowflake 5008.

## LOT 54—ESSEX.

*Best Barrow 12 and under 18 months—4 entries.*

- 759—Bogardus, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed October 14, 1886; sire, Black Prince; dam, Model Queen.
- 760—Clipper, bred and exhibited by E. T. Doney, Jackson, Mich.; farrowed September 1, 1886; sire, View 6th; dam, Jenlin 3d.
- 761—Seller, bred and exhibited by E. T. Doney, Jackson, Mich.; farrowed September 1, 1886; sire, View 6th; dam, Jenlin 3d.
- 762—Blackey, exhibited by F. F. Wells, Kenney, Ill.; bred by H. Harp, Clinton, Ill.; farrowed May 20, 1886; sire, Imported Nigger Boy; dam, Mary.

*Best Barrow 6 and under 12 months—4 entries.*

- 763—Albert, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed February 28, 1887; sire, Black Prince; dam, Aunt Ruth II.
- 764—June, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed February 28, 1887; sire, Black Prince; dam, Aunt Ruth II.
- 765—Fortune, bred and exhibited by E. T. Doney, Jackson, Mich.; farrowed November 23, 1886; sire, Baronet No. 5; dam, Jenlin 4th.
- 766—Nigger, exhibited by F. F. Wells, Kenney, Ill.; bred by L. Layton, Waynesville, Ill.; farrowed November 29, 1886; sire, Imported Nigger; dam, Sarah 2d.

*Best Barrow under 6 months—3 entries.*

- 767—Wonder, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed July 4, 1887; sire, Black Prince; dam, Black Ann.
- 768—Billy Eye, exhibited by E. T. Doney, Jackson, Mich.; bred by W. A. Higgins, Jackson, Mich.; farrowed July 7, 1887; sire, Reliance No. 7; dam, Essex.
- 769—Frank, exhibited by F. F. Wells, Kenney, Ill.; bred by L. Layton, Waynesville, Ill.; farrowed May 27, 1887; sire, Frank; dam, Beauty 2d.

## LOT 56—DUROC JERSEY RED.

*Best Barrow 12 and under 18 months—3 entries.*

- 770—Dictator, exhibited by W. A. Squier, Kenney, Ill.; bred by G. W. Stoner, La Place, Ill.; farrowed May 21, 1886; sire, Exchange 1027; dam, Minnie Good 2926.



771—Monarch, bred and exhibited by Thos. Bennett, Rossville, Ill.; farrowed May 17, 1886; sire, Oswego 665; dam, Minerva 728.

772—Empire, bred and exhibited by Thos. Bennett, Rossville, Ill.; farrowed May 17, 1886; sire, Oswego 665; dam, Minerva 728.

*Best Barrow 6 and under 12 months—3 entries.*

773—Dave, exhibited by W. A. Squier, Kenney, Ill.; bred by D. Blue, Kenney, Ill.; farrowed November 16, 1886; sire, Tammany 699; dam, Lady Lake.

774—Rover, bred and exhibited by Thos. Bennett, Rossville, Ill.; farrowed February 11, 1887; sire, Nero 667; dam, Mississippi 700.

775—Dick, bred and exhibited by Thos. Bennett, Rossville, Ill.; farrowed March 29, 1887; sire, Nero 667; dam, Lady Hays 724.

*Best Barrow under 6 months—2 entries.*

776—Dick, bred and exhibited by W. A. Squier, Kenney, Ill.; farrowed May 18, 1887; sire, Exchange 1027; dam, Rosa B 4034.

777—Charlie, exhibited by Thos. Bennett, Rossville, Ill.; farrowed May 28, 1887.

## LOT 56—YORKSHIRE.

*Best Barrow 12 and under 18 months—4 entries.*

778—Chub, bred and exhibited by A. P. Chapman & Co., Sugar Grove, Ill.; farrowed May 27, 1886; sire, Chapman's Duke 354; dam, Sugar Grove Queen 706.

779—King, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed July 5, 1886; sire, John of Yorke 304; dam, Wyide.

780—Kido, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed July 20, 1886; sire, Jim Cunningham; dam, Bessie C.

781—Kiser, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed July 9, 1886; sire, John of Yorke 304; dam, Mary 632.

*Best Barrow 6 and under 12 months—2 entries.*

782—Short, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed December 17, 1886; sire, John of Yorke 304; dam, Brownie 2d.

783—Shorter, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed December 17, 1886; sire, John of Yorke; dam, Brownie 2d.

*Best Barrow under 6 months—1 entry.*

784—Joe, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed July 3, 1887; sire, Rowett 470; dam, Princess of Yorke 223.

## LOT 57—SUFFOLK.

*Best Barrow 12 and under 18 months—1 entry.*

785—William C., bred and exhibited by Frank Willson, Jackson, Mich.; farrowed October 13, 1886; sire, Royal Prince; dam, Weekham Lass.

*Best Barrow 6 and under 12 months—3 entries.*

786—Hank, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed January 11, 1887; sire, Royal Prince; dam, Bristol Lady.

787—Henry, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed January 11, 1887; sire, Royal Prince; dam, Bristol Lady.

788—Harvey, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed January 11, 1887; sire, Royal Prince; dam, Bristol Lady.

*Best Barrow under 6 months—1 entry.*

- 789—Jim, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed June 23, 1887 sire, Mogul; dam, Empress.

## LOT 58—VICTORIA.

*Best Barrow 12 and under 18 months—5 entries.*

- 790—Lord Wilton, bred and exhibited by R. J. Stone, Stonington, Ill.; farrowed July 4, 1886; sire, Stone's Lord Wilton 72; dam, Beauty 55.
- 791—Jake, bred and exhibited by R. J. Stone, Stonington, Ill.; farrowed July 4, 1886; sire, Stone's Lord Wilton 72; dam, Beauty 55.
- 792—Bouncer, bred and exhibited by Geo. F. Davis & Co., Dyer, Ind.; farrowed May 25, 1886; sire, Hero No. 75; dam, Polly White No. 15.
- 793—Cleveland, bred and exhibited by Geo. F. Davis & Co., Dyer, Ind.; farrowed August 1, 1886, sire, Royalty No. 29; dam, Miss Butterfly 2d No. 27.
- 794—Victor, bred and exhibited by Geo. F. Davis & Co., Dyer, Ind.; farrowed August 1, 1886; sire, Royalty No. 29; dam, Miss Butterfly 2d No. 27.

*Best Barrow 6 and under 12 months—4 entries.*

- 795—Get There, bred and exhibited by R. J. Stone, Stonington, Ill.; farrowed March 3, 1887; sire, Stone's Lord Wilton 72; dam, Queen 3d 69.
- 796—Get There 2d, bred and exhibited by R. J. Stone, Stonington, Ill.; farrowed March 3, 1887; sire, Stone's Sir Wilton; dam, Queen 3d 69.
- 797—Get There 3d, bred and exhibited by R. J. Stone, Stonington, Ill.; farrowed March 3, 1887; sire, Stone's Lord Wilton 72; dam, Queen 3d 69.
- 798—Logan, bred and exhibited by Geo. F. Davis & Co., Dyer, Ind.; farrowed November 30, 1886; sire, Marquis No. 30; dam, Polly White No. 15.

*Best Barrow under 6 months—3 entries.*

- 799—Tom, bred and exhibited by R. J. Stone, Stonington, Ill.; farrowed May 20, 1887; sire, White Chief 71; dam, White Rose 68.
- 800—Tom 2d, bred and exhibited by R. J. Stone, Stonington, Ill.; farrowed May 20, 1887; sire, White Chief 71; dam, White Rose 68.
- 801—Fatty, bred and exhibited by Geo. F. Davis & Co., Dyer, Ind.; farrowed July 1, 1887; sire, Royal Butterfly 32; dam, Rosewood 4th No. 74.

## LOT 59—GRADES AND CROSSES.

*Best Barrow 12 and under 18 months—8 entries.*

- 802—Sandy, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed June 29, 1886; sire, Poland-China; dam, Jersey Red.
- 803—Good, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed July 27, 1886; sire, Jim Cunningham; dam, Poland-China.
- 804—Better, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed July 27, 1886; sire, Jim Cunningham; dam, Poland-China.
- 805—Best, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed July 27, 1886; sire, Jim Cunningham; dam, Poland-China.
- 806—Spottie, exhibited by F. F. Wells, Kenney, Ill.; bred by M. A. Taylor, Waynesville, Ill.; farrowed September 10, 1886; sire, Essex; dam, Poland-China.
- 807—Beauty, exhibited by S. H. Todd, Wakeman, O.; bred by W. Sanger, Wakeman, O.; farrowed July 15, 1886; sire, Chester White; dam, Poland-China.
- 808—Spot, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; farrowed August 14, 1886; sire, Snowball 3555; dam,  $\frac{1}{4}$  native.



809—White, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; farrowed August 14, 1886; sire, Snowball 3555; dam,  $\frac{1}{4}$  native.

*Best Barrow 6 and under 12 months—11 entries.*

810—Dandy, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed November 20, 1886; sire, Poland-China; dam,  $\frac{1}{2}$  Poland-China,  $\frac{1}{2}$  native.

811—Jim, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed March 11, 1887; sire, Jim Cunningham; dam,  $\frac{1}{2}$  Yorkshire,  $\frac{1}{2}$  Poland-China.

812—Sam, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed March 24, 1887; sire, King Josh 456; dam,  $\frac{1}{2}$  Poland-China,  $\frac{1}{2}$  Berkshire.

813—Ed., bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed March 21, 1887; sire, King Jack 456; dam, Poland-China.

814—Howe, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed March 21, 1887; sire, King Jack 456; dam, Poland-China.

815—All, exhibited by F. F. Wells, Kenney, Ill.; bred by A. Critchfield, McLean, Ill.; farrowed December 10, 1886; sire  $\frac{3}{4}$  Poland-China; dam,  $\frac{1}{4}$  native.

816—Bill, exhibited by F. F. Wells, Kenney, Ill.; bred by F. Fisher, Waynesville, Ill.; farrowed March 10, 1887; sire, Poland-China; dam,  $\frac{1}{2}$  Poland-China,  $\frac{1}{2}$  native.

817—Peter, exhibited by S. H. Todd, Wakeman, O.; bred by C. Prosser, Clarkesfield, O.; sire, Chester White; dam, Poland-China.

818—Peter 2d, exhibited by S. H. Todd, Wakeman, O.; bred by C. Prosser, Clarkesfield, O.; farrowed April 25, 1885; sire, Chester White; dam, Poland-China.

819—No. 1, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; farrowed April 3, 1887; sire, Snowball 3555; dam,  $\frac{1}{4}$  native.

820—No. 2, bred and exhibited by J. R. Price & Son, Williamsville, Ill.; farrowed April 3, 1887; sire, Snowball 3555; dam,  $\frac{1}{4}$  native.

*Best Barrow under 6 months—5 entries.*

821—Handy, bred and exhibited by H. H. Clark & Co., Onarga, Ill.; farrowed May 10, 1887; sire,  $\frac{3}{4}$  Poland-China; dam,  $\frac{1}{4}$  native.

822—Fatty, exhibited by R. J. Stone, Stonington, Ill.; bred by Geo. Verters, Stonington, Ill.; farrowed May 22, 1887; sire, Poland-China; dam, Berkshire.

823—Brick, bred and exhibited by L. C. Henley, Mattoon, Ill.; farrowed July 16, 1887; sire, Myron Rose 455; dam, Poland-China.

824—Sam, exhibited by F. F. Wells, Kenney, Ill.; bred by F. Fisher, Waynesville, Ill.; farrowed May 12, 1887; sire, 1-16 Berkshire; dam, Poland-China.

825—Victor, exhibited by S. H. Todd, Wakeman, O.; bred by E. Denman, Wakeman, O.; farrowed May 15, 1887; sire, 2-3 Chester White; dam, 1-3 Poland-China.

## LOT 60—ALL BREEDS AND GRADES BY AGES.

*Best Barrow 12 and under 18 months—9 entries.*

*Best Barrow 6 and under 12 months—9 entries.*

*Best Barrow under 6 months—9 entries.*

## LOT 61—SWEEPSTAKES.

*Best Barrow shown in Lot 51—Berkshire—3 entries.*

*Best Barrow shown in Lot 52—Poland-China—3 entries.*

*Best Barrow shown in Lot 53—Chester White—3 entries.*

*Best Barrow shown in Lot 54—Chester White—3 entries.*

*Best Barrow shown in Lot 55—Duroc Jersey Red—3 entries.*

*Best Barrow shown in Lot 56—Yorkshire—3 entries.*

*Best Barrow shown in Lot 57—Suffolk—3 entries.*

*Best Barrow shown in Lot 58—Victoria—3 entries.*

*Best Barrow shown in Lot 59—Grades and Crosses—3 entries.*

## LOT 62—GRAND SWEEPSTAKES.

*Best Barrow in the show—11 entries.*

826—Gust, bred and exhibited by A. P. Chapman & Co., Sugar Grove, Ill.; farrowed June, 1886; sire, Carl II; dam, American Girl.

827—Standard, bred and exhibited by W. P. Hayzlett, Bolckow, Mo.; farrowed April 6, 1886; sire, Young American 3811; dam, Golden Pride.

## LOT 63—HEAVIEST FAT HOG.

*Heaviest Barrow any age—5 entries.*

828—Sir Robert, bred and exhibited by Thomas Bennett, Rossville, Ill.; farrowed ———; sire, Old Sir Robert; dam, Queen.

829—Jumbo, bred and exhibited by W. P. Hayzlett, Bolckow, Mo.; farrowed April 17, 1886; sire, Look No Further 2d, 275; dam, Beauty of Profit 1553.

## LOT 64—PENS.

(Pens to consist of Barrow 12 and under 18 months, Barrow 6 and under 12 months, and Barrow under 6 months old.)

*Pen of Berkshires—1 entry.*

*Pen of Poland-Chinas—2 entries.*

*Pen of Chester Whites—2 entries.*

*Pen of Essex—3 entries.*

*Pen of Duroc Jersey Reds—2 entries.*

*Pen of Yorkshires—1 entry.*

*Pen of Suffolks—1 entry.*

*Pen of Victorias—2 entries.*

*Pen of Grades and Crosses—4 entries.*



LOT 65—SWEEPSTAKES PEN.

*Best Pen—9 entries.*

LOT 66—DRESSED CARCASS.

*Best Carcass of Barrow 12 and under 18 months—11 entries.*

*Best Carcass of Barrow under 1 year old—14 entries.*

LOT 67—GAIN PER DAY.

*Barrow over 6 months of age showing largest average gain per day, including weight at birth, entries accompanied by affidavit giving exact age—8 entries.*

LOT 68—COST OF PRODUCTION.

*Barrow 12 and under 18 months, produced at the least cost per pound, live weight—No entry.*

# CLASS A—CATTLE.

LAFAYETTE FUNK, SUPERINTENDENT.

No. of Stall .....	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.	Color.
1	Sherman, J. B., Chicago	Apr. 25, 1884	1,293	1,625	1.26	Scottish Prince.....	½ Hereford, ½ West Highlander.	Red.....
2	"	Dec. 1, 1884	1,073	1,950	1.82	L. X. L. ....	31-32 Short-Horn, 1-32 Native	"
3	"	Dec. 3, 1884	1,071	1,885	1.76	Breastplate .....	Short-Horn.....	Roan .....
4	"	Feb. 12, 1884	1,366	2,185	1.60	Blanchard.....	"	"
5	"	"	"	"	"	"	"	"
6	Sherman, J. B., Chicago	May 20, 1883	1,999	2,495	1.25	Gem .....	31-32 Short-Horn, 1-32 Native	Red.....
7	"	"	"	"	"	"	"	"
8	Sherman, J. B., Chicago	Mar. 25, 1882	2,055	2,500	1.22	Albright.....	½ Hereford, ½ Short-Horn.	R. and W. F.
9	"	"	"	"	"	"	"	"
10	Sherman, J. B., Chicago	Feb. 1, 1885	2,472	2,765	1.12	White Cloud .....	Short-Horn.....	White.
11	"	Nov. 25, 1883	1,445	1,925	1.33	Tabor .....	¾ Hereford, ¼ Native.	R. and W. F.
12	"	Dec. 29, 1884	1,045	1,815	1.74	Bob .....	½ Hereford, ¼ Short-Horn, ¼ Native	"
13	"	Apr. 29, 1885	924	1,780	1.92	T. P. ....	¾ " ¼ Native.	"
14	"	Nov. 25, 1885	714	1,470	2.06	Eclipse .....	¾ " ¼ Native.	"
15	"	Nov. 23, 1885	716	1,515	2.11	Export.....	¾ " ¼ Short-Horn, ¼ Native.	"
16	"	Nov. 23, 1886	351	935	2.66	Grandee.....	¾ " ¼ Native.	"
19	Elliott, Geo., Harristown, Ill.	June 10, 1885	882	1,580	1.79	Great Britain .....	15-16 Short-Horn, 1-16 Native.	"
20	"	Nov. 22, 1886	352	825	2.34	Girdle .....	Short-Horn.....	Roan .....
21	Peak, J. R. & Son, Winchester, Ill.	Feb. 23, 1886	624	1,255	2.01	Henry .....	15-16 Short-Horn, 1-16 Native	"
22	"	Jan. 2, 1886	676	1,450	2.14	Morse .....	Short-Horn.....	Red.
24	"	June 17, 1885	875	1,730	1.98	Frank .....	¾ Short-Horn, ¼ Native	"
25	"	June 5, 1884	1,252	1,975	1.58	Grover.....	¾ " ¼ Native	"
26	"	May 20, 1885	903	1,580	1.75	Fisk .....	15-16 " ¼ Native	"
27	"	Dec. 29, 1885	680	1,470	2.16	Bird.....	¾ " ¼ Native	"
28	"	Nov. 23, 1886	351	950	2.71	Pioneer .....	15-16 " ¼ Native	"
29	Younger, Wm., Fairbury, Ill.	Feb. 4, 1885	1,008	1,485	1.47	Choice 3878.....	Devon.....	"
30	"	Dec. 15, 1884	1,059	1,530	1.44	Red Oak.....	½ Devon, ½ Native	"
31	"	Jan. 23, 1885	1,020	1,495	1.46	Beefy 3876.....	Devon.....	"
32	"	May 2, 1886	556	1,100	1.98	Mills 3903 .....	"	"
33	"	Nov. 28, 1885	711	1,170	1.63	George.....	½ Sussex, 12-64 Devon, 7-64 Jersey, 13-64 Nat	"
34	Morse, J. W. & Son, Verona, Wis.	Feb. 3, 1885	1,375	1,665	1.21	Morse 3905.....	Devon.....	"
35	"	Jan. 27, 1885	1,016	1,325	1.30	Juicy 3877.....	"	"
36	"	Apr. 28, 1886	560	1,105	2.00	New Era 3907 .....	"	"
37	"	May 6, 1886	187	540	2.90	Chicago Boy 4309 .....	"	"
40	Smith, F. W., Columbia, Mo	Nov. 20, 1886	349	910	2.61	McClenney.....	Hereford .....	R. and W. F.



41	Norris, I. H. & Son, LaMoille, Ill.	July	15, 1884	1, 213	1, 845	1.52	Mike.	1/2 Galloway, 1/2 Native.	Black.
42	"	July	15, 1884	1, 213	1, 870	1.54	John.	1/2 " "	"
43	"	July	15, 1884	1, 213	1, 825	1.50	Joe.	1/2 " "	"
44	"	July	15, 1884	1, 213	1, 820	1.50	Tom.	1/2 " "	"
45	"	Sept.	15, 1884	1, 151	1, 715	1.49	Pete.	1/2 " "	"
46	Potts, J. H. & Son, Jacksonville, Ill.	Feb.	27, 1885	1, 957	1, 620	1.69	Rochester.	Short-Horn.	White.
47	"	May	12, 1885	911	1, 540	1.69	Red Prince.	"	Red.
48	"	Mar.	30, 1886	589	1, 015	1.72	Richmond.	"	R. and W.
49	"	Mar.	5, 1886	614	1, 375	2.24	Red Duke.	3/4 Short-Horn, 1/2 Native.	Red.
50	"	Oct.	28, 1886	377	965	2.56	Roan Gauntlet.	Short-Horn.	Roan.
52	Renick, W. H., Clintonville, Ky.	Feb.	1, 1885	1, 011	1, 520	1.50	Jacoby.	31-32 Short-Horn, 1-32 Native.	Roan.
53	"	Mar.	15, 1885	969	1, 790	1.84	Goff.	31-32 " "	R. and W.
54	"	Aug.	12, 1884	1, 184	2, 000	1.69	Wild Bill.	3/4 " "	Roan.
55	Pickert, J. W., Plattsburg, Mo.	June	1, 1884	1, 256	1, 930	1.53	Good Luck.	Short-Horn.	R. and W.
56	"	Feb.	20, 1886	627	1, 615	2.57	Baby Mine.	"	Roan.
57	Renick, W. H., Clintonville, Ky.	Nov.	22, 1885	717	1, 450	2.02	Col. Moberly.	"	"
58	"	Jan	25, 1886	653	1, 315	2.01	Baby Bunting.	"	R. and W.
59	"	Mar.	1, 1886	618	1, 315	2.13	Jones.	"	Red.
60	"	Nov.	27, 1885	712	1, 415	2.00	Bright Light.	15-16 Short-Horn, 1-16 Native.	"
61	Clarke, N. P., St. Cloud, Minn.	Nov.	16, 1886	353	1, 030	2.88	Lad of Mead'wLawn	3/4 Short-Horn.	R. and W.
62	"	Mar.	23, 1886	596	1, 310	2.20	Com'der. Farragut.	"	White.
65	Hill, James J., St. Paul, Minn.	Sept.	10, 1884	1, 153	1, 715	1.48	Prenice.	"	Roan.
66	"	Jan.	25, 1886	653	1, 385	2.12	Goldfinder.	1/2 Angus, 1/2 Short-Horn.	Black.
67	"	Feb.	28, 1885	989	1, 890	1.91	Curry.	Angus.	"
68	"	Dec.	17, 1885	692	1, 440	2.09	Monroe.	"	"
69	"	Jan	25, 1886	653	1, 285	1.97	Nomad.	1/2 Angus, 3/4 Short-Horn, 1/8 Native.	B. and W.
70	Estill Bros., Estill, Mo.	Feb.	17, 1885	995	1, 705	1.71	Felix.	Aberdeen-Angus.	Black.
71	"	July	3, 1886	494	1, 250	2.53	Dot.	"	"
72	"	July	3, 1886	494	945	1.91	Dorothy.	1/2 Angus, 3/4 Short-Horn, 1/8 Native.	"
73	"	Dec.	3, 1886	341	910	2.67	Jack Frost.	3/4 Angus, 1/4 Short-Horn.	Gray.
74	Elliott, H. W., Estill, Mo.	Dec.	22, 1886	323	760	2.36	Jester.	1/2 Angus, 3/4 Short-Horn, 1/8 Native.	Black.
75	"	Feb.	12, 1885	1, 010	1, 645	1.63	Peter of Grapewood	1/2 Angus, 3/4 Short-Horn, 1/8 Native.	Gray.
76	"	Apr.	10, 1885	943	1, 570	1.66	Jerome.	1/2 Angus, 3/4 Short-Horn.	Black.
77	"	May	7, 1885	977	1, 775	1.82	Lance.	1/2 Angus, 1/2 Short-Horn.	Gray.
78	Smith, J. S., Rates, Ill.	Apr.	12, 1886	576	1, 300	2.26	Johnson.	1/2 Angus, 1/2 Short-Horn.	Black.
79	"	Aug.	28, 1886	438	1, 160	2.65	Berlin.	Aberdeen-Angus.	"
80	Anderson & Findlay, Lake Forest, Ill.	Nov.	11, 1884	1, 093	1, 610	1.47	Wilfried.	1/2 Angus, 1/2 Native.	"
81	Harvey, T. W., Turlington, Neb.	Ang.	18, 1884	1, 178	1, 760	1.49	Leopard.	Angus.	"
83	"	Feb.	10, 1885	1, 002	1, 800	1.80	Pontiff.	1/2 Angus, 1/2 Native.	"
84	"	Dec.	17, 1886	327	890	2.72	Alexandria Knight.	"	"
85	"	May	3, 1886	555	1, 330	2.40	Pistole.	1/2 Angus, 1/2 Native.	"
86	"	Dec.	22, 1885	687	1, 500	2.18	Tam O'Shanter.	Angus.	"
87	"	Nov.	29, 1884	1, 075	1, 995	1.86	Black Prince of Turlington.	"	"
88	"	Mar.	27, 1884	1, 322	2, 225	1.68	Sandy.	"	"
90	Doney, E. T. Jackson, Mich.	May	1, 1884	1, 287	1, 360	1.06	Curley.	Devon.	Red.
91	"	Dec.	3, 1885	706	1, 400	1.98	Ben.	Short-Horn.	R. and W.
92	Blish, C. C. & Son, Kewanee, Ill.	Nov.	21, 1886	353	1, 035	2.93	Mark.	"	Roan.
93	"	Dec.	25, 1885	684	1, 470	2.15	Harry.	"	"
95	Pickert, J. W., Plattsburg, Mo.	Mar.	2, 1885	982	1, 620	1.65	Clarendon.	"	Red.
96	"	Nov.	28, 1886	346	785	2.27	Clarendon 2d.	"	Red.
96 1/2	Barclay, C. S., West Liberty, Ia.	Dec.	16, 1883	1, 423	2, 070	1.45	Brampton.	"	Light Roan.

*Class A—Cattle—Continued.*

No. of Stall	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 8, 1887.	Weight November 8, 1887.	Average gain per day, in pounds, since birth.	Name of Animal.	Breed.	Color.
97	Varnum, H. B., Marshalltown, Ia.	May 25, 1879	3,090	2,850	0.92	Duke of Iowa.....	$\frac{3}{4}$ Short-Horn, $\frac{1}{4}$ Native.	Red.....
98	Browns, S. S. Sons, Galena, Ill.	Oct. 16, 1886	389	1,170	3.00	Dr. Tanner.....	15-16 " " " "	" " " "
99	Eldridge, B. S., Galva, Ill.	May 5, 1885	918	1,885	2.05	Dock.....	$\frac{7}{8}$ " " " "	White.....
100	" " " " " "	May 1, 1885	922	1,935	2.10	Dick.....	$\frac{7}{8}$ " " " "	" " " "
102	Moninger, D. M., Galvin, Ia.	Feb. 27, 1886	620	1,510	2.43	Bob Burdett.....	31-32 " " " "	Red.....
103	" " " " " "	Jan. 23, 1885	1,020	1,855	1.92	Glick.....	31-32 " " " "	" " " "
104	" " " " " "	Jan. 3, 1884	1,406	2,370	1.69	Stevens.....	31-32 " " " "	" " " "
105	Leigh, Geo. & Co., Aurora, Ill.	Jan. 25, 1885	1,018	1,960	1.83	Dave.....	$\frac{1}{2}$ Hereford, $\frac{1}{2}$ Devon.	R. and W. F.
106	" " " " " "	Nov. 1, 1885	738	1,430	1.93	Ruby.....	$\frac{3}{4}$ Hereford, $\frac{1}{4}$ Native.	R. and W. F.
107	" " " " " "	Mar. 16, 1886	603	1,475	2.45	Pearl.....	$\frac{1}{2}$ " " " "	Light Roan.
108	Bertram, J. C., Bristol, Ill.	Apr. 27, 1885	926	1,790	1.93	Victor.....	$\frac{1}{2}$ Hereford, $\frac{3}{8}$ Short-Horn, $\frac{1}{8}$ Native.	R. and W. F.
110	Wilson Bros., Sugar Grove, Ill.	Feb. 1, 1886	646	1,365	2.11	Sidney.....	$\frac{1}{2}$ " " " "	" " " "
112	Henry, G. W., Ashkum, Ill.	Dec. 3, 1885	706	1,355	1.92	Bourbon Prince....	$\frac{1}{2}$ " " " "	" " " "
113	" " " " " "	Dec. 30, 1885	679	1,355	2.00	Royal's Royalty....	Hereford.....	" " " "
114	" " " " " "	Dec. 23, 1885	686	1,605	2.34	Rossland' Improve-	ment.....	" " " "
115	Clark, Thomas, Beecher, Ill.	Sep. 27, 1884	1,138	1,620	1.42	Edward.....	$\frac{1}{2}$ Hereford, $\frac{3}{8}$ Short-Horn, $\frac{1}{8}$ Native.	" " " "
116	White, Wm., Marion, Ind.	" " " "	" " " "	3,185	" " " "	Jumbo.....	$\frac{3}{4}$ Hereford, $\frac{1}{4}$ Native.	" " " "
117	Clough, H. H., Elyria, O.	Feb. 25, 1885	987	1,730	1.75	Dick Babbitt.....	$\frac{1}{2}$ Short-Horn, $\frac{1}{2}$ Native.	Roan.....
118	Hudson, John, Moweaqua, Ill.	June 15, 1885	877	1,515	1.73	Andy.....	$\frac{7}{8}$ Hereford, $\frac{1}{8}$ Native.	R. and W. F.
119	Ponting, Tom C., Moweaqua, Ill.	Dec. 15, 1886	329	865	2.63	Samuel Weaver....	$\frac{1}{2}$ Hereford.....	" " " "
121	Fowler & Van Natta, Fowler, Ind.	Dec. 13, 1886	331	845	2.55	Punch.....	Hereford.....	" " " "
122	" " " " " "	Dec. 9, 1886	335	885	2.64	Sampson.....	$\frac{1}{2}$ Hereford, $\frac{1}{4}$ Short-Horn, $\frac{1}{4}$ Native.	" " " "
123	" " " " " "	Dec. 2, 1885	951	1,555	1.63	Donald.....	Hereford.....	" " " "
124	" " " " " "	Dec. 5, 1885	704	1,480	2.10	Sam Jones.....	$\frac{1}{2}$ Hereford, $\frac{1}{4}$ Short-Horn, $\frac{1}{4}$ Native.	" " " "
125	" " " " " "	Feb. 11, 1885	1,001	1,740	1.74	Anxiety.....	$\frac{1}{2}$ " " " "	" " " "
126	" " " " " "	July 15, 1884	1,212	2,200	1.81	Ned Price.....	$\frac{1}{2}$ " " " "	" " " "
127	Michigan Agricultural College	Oct. 27, 1885	743	" " " "	" " " "	Hendricks.....	Hereford.....	" " " "
127	" " " " " "	Nov. 25, 1885	714	" " " "	" " " "	Homer.....	Short-Horn.....	Roan.....
128	" " " " " "	Dec. 17, 1885	692	" " " "	" " " "	Holt.....	" " " "	Red.....
130	Green, Frank W., Olivet, Mich.	Dec. 3, 1885	706	1,400	1.98	Luce.....	" " " "	R. and W.
132	Moninger, D. M., Galvin, Ia.	Feb. 13, 1884	1,365	2,040	1.49	Larrabee.....	31-32 Short-Horn, 1-32 Native.	R. and W.
133	" " " " " "	Nov. 23, 1883	1,447	2,360	1.63	Livingston.....	31-32 " " " "	" " " "
134	" " " " " "	Jan. 1, 1887	312	875	2.80	Bob, Jr.....	31-32 " " " "	Red.....
136	Michigan Agricultural College	Apr. 27, 1885	804	" " " "	" " " "	Koscoe.....	Jersey.....	Fawn.....
137	" " " " " "	Feb. 26, 1886	621	" " " "	" " " "	Potter.....	" " " "	" " " "



138	Michigan Agricultural College	Mar.	23, 1886	596	.....	Latitude	Devon	Red
139	"	Feb.	23, 1886	621	.....	Nicholas	Holstein-Friesian	B. and W.
140	"	Nov.	17, 1885	722	.....	Beltz	"	"
141	"	Jan.	1, 1886	677	.....	Indge	Galloway	Black
142	"	Feb.	17, 1886	632	.....	King Jumbo	"	"
143	Smith, J. S. & Co, Alzada, Mont.	Dec.	1883	.....	1,470	Sturgis	Range	R. and W.
144	"	.....	1884	.....	1,220	Montana	"	"
145	"	.....	1885	.....	980	Custer	"	"
146	"	.....	1886	.....	.....	Miles	"	"
147	"	.....	1887	.....	555	Keoh	"	White
149	Davis, Geo. F. & Co., Dyer, Ind.	May	29, 1886	529	1,390	Butterfly	1/2 Short-Horn, 1/2 Native	R. and W.
150	"	May	6, 1887	187	575	Roger	1/2 Jersey, 1/2 Native	Light Roan
151	"	Dec.	1, 1884	1,073	1,250	Captain	7/8	Fawn
153	White, W. S., Sabetha, Kas.	Nov.	29, 1884	1,065	1,740	Waterlad	Short-Horn	Roan
154	"	May	30, 1885	893	1,620	Roan Commander	3/4	"
155	"	Apr.	22, 1885	931	1,570	Seraphina of Oak land	3/4	Red
156	Stanford, E. & A., Steyning, Eng.	Jan.	17, 1884	1,392	1,970	Speculation	Sussex	"
157	Lea, Overton, Nashville, Tenn.	Jan.	21, 1884	1,388	1,765	Robertson	"	"
158	"	Dec.	2, 1885	707	1,270	Rover	"	"
159	"	Nov.	19, 1886	355	710	Letham	"	"
160	"	Sept.	20, 1886	415	1,010	Willis	1/2 Sussex, 7-16 Short-Horn, 1-16 Native	"
161	"	Nov.	1, 1886	373	995	Stephen	1/2	"
163	Mann, Abraham, Rossville, Ill.	Mar.	15, 1885	969	1,635	Empire	15-16 Short-Horn, 1-16 Native	"
164	"	Mar.	15, 1885	969	1,695	Monarch	15-16	R. and W.
165	"	June	15, 1885	877	1,610	Colonel	15-16	Red
166	"	June	15, 1885	877	1,565	King	15-16	"
168	Wilkinson & Dutton, Aurora, Ill.	Jan.	10, 1886	668	1,350	Fanny Field	1/2 Hereford, 1/4 Short-Horn, 1/4 Native	"
169	"	Feb.	1, 1886	646	1,330	Alphonso	1/2	"
170	Culbertson, C. M., Newman, Ill.	May	5, 1884	1,283	1,830	Goggles	1/2	R. and W. F.
171	"	Jan.	6, 1884	1,403	1,905	Falstaff	1/2	"
172	"	Apr.	15, 1884	1,303	1,830	Bardolph	3/4	"
173	"	Mar.	20, 1884	1,329	2,000	Pete	1/2 Hereford, 1/4 Short-Horn, 1/4 Native	"
174	"	Dec.	10, 1886	334	800	Star Wilton 16th	Hereford	"
177	Funkhouser, Jas. A., Plattsburg, Ill.	Jan.	27, 1884	1,382	1,970	Red Maple	7/8 Short Horn, 1/8 Native	"
178	"	Feb.	11, 1885	1,001	1,900	Cupid	1/2 Hereford, 3/8 Short-Horn, 1/8 Native	"
179	"	Feb.	8, 1885	1,004	1,720	Clinton	1/2	"
180	"	Feb.	5, 1886	642	1,405	Defiance	1/2	"
181	"	Jan.	30, 1886	648	1,370	Portrait	1/2	"
182	"	Dec.	28, 1886	316	930	Granite	1/2	"
183	"	Jan.	15, 1887	298	925	Lithograph	1/2	"
184	Earl, Adams, Lafayette, Ind.	Jan.	9, 1886	669	1,185	Earl of Shadeland	Hereford	"
185	"	Jan.	30, 1887	283	620	Elder	14-16 Hereford, 1-16 Short-Horn, 1-16 Nat.	"
185	"	Jan.	29, 1887	234	685	Ensign	14-16	"
186	"	Feb.	17, 1881	630	1,350	Exeter	1/2	"
187	"	Dec.	15, 1884	1,059	1,925	Sir Bartle 6th	1/2	"
188	"	May	23, 1884	1,265	2,090	Sir Bartle 5th	1/2	"
189	"	Apr.	15, 1884	1,303	2,160	Sir Bartle 3d	1/2	"
191	Pickett, J. W., Plattsburg, Mo.	Apr.	16, 1885	937	1,755	Experiment	Short-Horn	Roan





230	Peak, J. R. & Son, Winchester, Ill.	Mar. 18, 1885	966	1,500	1.55	Ashbrook	Short-Horn	Roan
233	"	"	"	"	"	Bonny Bright	"	"
234	"	"	"	"	"	Baron Von Tromp	"	"
A	Cline, J. N., Athens, Ill.	Jan. 10, 1886	608	1,300	1.95	Good Boy	Short-Horn	"
B	"	Sept. 29, 1884	1,136	1,760	1.55	Red Jacket	15-16 Short-Horn, 1-16 Native	Red
C	"	Apr. 4, 1885	949	2,095	2.21	Roan Dick	15-16 " 1-16 "	Roan
	Wyoming Her'd Cattle Ass'n, Cheyenne, Wy.	July 27, 1884	1,200	2,030	1.69	"	15-16 " 1-16 "	"
		Nov. 13, 1885	"	"	"	"	"	"





45	McClenny, Hereford, under 1 year, 2d premium	349	910	2.61	5-10	5-11	5-09½	6-06½	2-09½	3-11½	4-00½	1-10½	2-04½	2-05	1-06½	2-02	1-07	1-05	3-04
43	Star Wilton 16th, Hereford, under 1 year, 3d premium	334	800	2.39	5-03	5-07	5-08	6-04	2-10	3-10½	3-11	1-10¾	2-01	2-01½	1-06	2-00	1-06	1-04	3-02
47	Morsel, Devon, 3 and under 4, 1st premium	1,375	1,665	1.21	6-06	7-06	7-03½	8-07	3-03	4-07½	4-07	1-11	2-03½	3-02	1-11	2-03	2-03	1-11	4-01
48	Curley, Devon, 3 and under 4, 2d premium	1,287	1,360	1.06	6-05½	7-00	6-11	7-07	3-00	4-04½	4-04½	1-11	2-04	3-00	2-00	2-02	2-00½	1-09	3-09
50½	Beefy, Devon, 2 and under 3, 1st premium	1,020	1,495	1.46	6-09	7-01	6-11	7-11½	3-01	4-06½	4-07½	1-11¾	2-05½	3-00½	1-11½	2-09½	1-11½	1-09	3-10
50	Choice, Devon, 2 and under 3, 2d premium	1,008	1,485	1.47	6-07½	7-01	7-02	8-00	3-02	4-06½	4-07½	1-10¾	2-05½	3-00	1-10	2-08	2-00½	1-09½	4-01½
49	Juicy, Devon, 2 and under 3, 8d premium	1,016	1,325	1.30	6-03½	6-10	6-09½	7-10	3-01	4-03½	4-04¾	1-09¾	2-03	3-11	1-10½	2-06	2-01	1-09	3-11
53	Bobby, Devon, 1 and under 2, 1st premium	617	955	1.55	5-09	6-01	5-10	6-08½	2-10	3-11¾	4-00	1-09¾	2-01	2-04½	1-08	2-04	1-07½	1-05½	3-04
51	New Era, Devon, 1 and under 2, 2d premium	560	1,105	2.00	6-02	6-04½	6-01	7-01	3-01	4-05¾	4-05	2-00¾	2-06	2-11	1-10	2-04½	1-08½	1-08	3-07
52	Mills, Devon, 1 and under 2, 3d premium	556	1,100	1.98	6-01½	6-04	6-01	7-00	2-10	4-03½	4-03¾	1-11½	2-05½	2-09½	1-09½	2-05	1-08	1-08	3-07½
55	Brass, Devon, under 1 year, 1st premium	203	560	2.76	5-00	4-10	4-09	5-08½	2-03½	3-05½	3-05½	1-07¾	1-11¾	2-01	1-02	1-11½	1-04½	1-03	2-08
54	Chicago Boy, Devon, under 1 year, 2d premium	187	540	2.90	5-01	4-10	4-10	5-06	2-03¾	3-08¾	3-09	1-11¾	2-04½	2-03½	1-04	1-10½	1-04½	1-04	3-00½
56	Sandy, Aberdeen-Angus, 3 and under 4, 1st premium	1,322	2,325	1.68	7-00½	8-08	8-07	9-07½	3-04½	4-08½	4-09¾	1-09½	2-01¾	3-05½	2-03½	2-08	2-08	2-02	4-05
58	Black Prince of Turlington, Aberdeen-Angus, 2 and under 3, 1st premium	1,015	1,995	1.86	6-09	8-00	7-10¾	9-00	3-04¾	4-05½	4-06½	1-08¾	2-01½	3-04	2-03½	2-07½	2-05½	2-00	4-01½
59	Pontiff, Aberdeen-Angus, 2 and under 3, 2d premium	1,002	1,800	1.80	6-04½	8-01	7-10½	8-10	3-03½	4-06¾	4-07½	1-09¾	2-02	3-02½	2-04	2-04½	2-05	1-10½	4-00
57	Wilfried, Aberdeen-Angus, 2 and under 3, 3d premium	1,093	1,610	1.47	6-08	7-02½	7-05	8-05½	3-03½	4-05	4-05¾	1-10½	2-02¾	3-03	2-00½	2-07	2-02½	1-09½	4-00½
62	Dot, Aberdeen-Angus, 1 and under 2, 1st premium	494	1,253	2.53	5-11	6-07	6-06½	7-08	3-01	3-11½	4-00¾	1-02¾	1-09½	2-11½	1-11½	2-03	2-00	1-08	3-07
64	Fani O'Shanter, Aberdeen-Angus, 1 and under 2, 2d premium	687	1,500	2.18	6-03	6-11	7-00	8-01	3-02	4-05¼	4-06¾	2-00	2-03¾	2-11	1-10½	2-07	2-00	1-10	4-1
60	Mouroe, Aberdeen-Angus, 1 and under 2, 3d premium	692	1,440	2.08	6-01	7-00	7-00½	7-11	3-04	4-04½	4-05½	8-11¼	2-01¼	3-00½	2-00½	2-03	2-00½	1-10	3-10
65	Alexandria Knight, Aberdeen-Angus, under 1 year, 1st premium	327	890	2.72	5-07	5-09	5-11	6-06½	2-08½	3-11	4-01	1-10¾	2-02	2-08	1-07	2-00	1-08½	1-06½	3-04
66	Speculation, Sussex, 3 and under 4, 1st premium	1,392	1,970	1.41	7-02	8-00	8-00	8-10	3-07	4-09¾	4-09½	1-11½	2-04¾	3-05	2-03	2-07	2-04	2-02	4-05
67	Robertson, Sussex, 3 and under 4, 2d premium	1,388	1,765	1.27	6-07½	7-06½	7-06	8-07	3-04	4-07¾	4-09	1-11¼	2-05	3-03	1-11	2-08	2-02½	1-10½	4-02
68	Rover, Sussex, 1 and under 2, 1st premium	707	1,270	1.80	6-04½	6-09	6-07	7-04	3-00	4-05½	4-06¾	2-00½	2-06½	3-00	1-10	2-05½	1-10	1-11	3-11
69	Latham, Sussex, under 1 year, 1st premium	370	710	2.00	5-05½	5-01½	5-01	5-10	2-07	3-08½	3-09¾	1-10¼	2-02½	2-05	1-05	2-00	1-07½	1-06	3-01
81	Stevens, Grade Short-Horn, 3 and under 4, 1st premium	1,406	2,370	1.69	7-06	8-06	8-05½	9-07½	3-06½	4-10½	4-10½	1-11½	2-04¾	3-07½	2-03½	2-08	2-00½	2-00½	4-05½
84	Grover, Grade Short-Horn, 3 and under 4, 2d premium	1,252	1,975	1.58	7-01	7-10	7-10	8-08½	3-02½	4-09¼	4-11½	2-00	2-07½	3-04½	2-02½	2-07	2-04	1-11	4-04½
80	Ned Price, Grade Hereford, 3 and under 4, 3d premium	1,212	2,200	1.81	7-00	8-00	8-04½	9-03	3-06	4-09¾	5-05	2-00½	2-05¾	3-04½	2-01½	2-07	2-07	2-01	4-05
113	Glick, Grade Short-Horn, 2 and under 3, 1st premium	1,020	1,855	1.92	6-10½	7-08	7-07½	8-09½	3-03	4-07½	4-08¾	2-00	2-06	3-02½	1-11	2-10	2-06½	1-09½	4-01
127	T. P., Grade Hereford, 2 and under 3, 2d premium	924	1,780	1.92	6-11	7-06	7-07½	8-08½	3-04	4-08¼	4-08¼	1-11¾	2-05¼	3-01½	2-01½	2-09	2-02½	1-10½	4-03
121	General, Grade Galloway, 2 and under 3, 3d premium	957	1,750	1.84	7-00	7-05	7-06	8-05½	3-04	4-06½	4-07¾	2-00	2-03½	3-03	2-01	2-06	2-02	1-10½	4-01
158	Sam Jones, Grade Hereford, 1 and under 2, 1st premium	704	1,480	2.10	6-05	7-02½	7-01½	7-11½	3-03	4-04¼	4-05¾	1-10½	2-05	3-02	2-00	2-07	2-02	1-09½	4-00½

Table of Measurements—Continued.

No. of Animal.....	Name of Animal.	HEIGHT FROM GROUND.				Depth from top line to lower shoulder point.	Thickness through the crop .....	Length of back from top shoulder to loins .....	Width across the lions.	Length of quarter from loin to rump.....	Depth from loin to hock.								
		Top line.	Bot. line.	Flank ....															
				Fore flank.															
				Hip.....															
Shoulder..		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.									
Girth of throat-latch...		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.								
Girth of middle of paunch.....		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.								
Flank girth.....		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.								
Heart girth.....		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.								
Length of carcass.....		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.								
Average gain per day since birth .....		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.								
Weight in pounds .....		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.								
Age in days, November 8, 1887..		ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.								
132	Bob Burdette, Grade Short-Horn, 1 and under 2, 1st premium.....	620	1,510	2.43	6-04	6-10	6-11	6-09	3-00	4-04½	4-05	2-00	2-03¼	3-00	1-09	2-06	2-01½	1-08½	3-10
157	Bright Light, Grade Short-Horn, 1 and under 2, 2d premium .....	712	1,415	2.00	6-08	6-11	6-09	6-07	3-01	4-06	4-07	2-00¼	2-05	3-00½	1-08½	2-07	1-11	1-10	4-00
180	Culliom, Grade Hereford, under 1 year, 1st premium.....	310	910	2.93	5-11½	5-08½	5-11	5-08	2-08½	4-00	4-00½	1-10¾	2-04½	2-06	1-06	2-04	1-07½	1-07½	3-07
173	Samson, Grade Hereford, under 1 year, 2d premium.....	33	885	2.64	5-08	5-09	5-08	5-06	2-08¾	3-11½	3-11	1-09½	2-02¼	2-05¼	1-09	2-03	1-09	1-05	3-03½
171	Granite, Grade Hereford, under 1 year, 3d premium.....	316	930	2.94	5-10	5-11	6-00	6-11	2-11	4-00½	4-01¼	1-11½	2-02	2-07	1-08	2-01½	1-09	1-08	3-05
182	Sturgis, Range, 3 and under 4, 1st premium.....	...	1,470	...	6-05	7-00	6-10	7-10½	3-04	4-09	4-10	2-02¾	2-07½	3-06½	1-11½	2-08	2-01	1-11	4-02
183	Montana, Range, 3 and under 4, 2d premium.....	...	1,220	...	6-01	6-09½	6-07½	7-04	3-04	4-06¼	4-06¾	2-00¾	2-06¾	3-03½	1-06½	2-04	2-00	1-09	3-09½
184	Custer, Range, 2 and under 3, 1st premium.....	...	980	...	6-01	6-02	6-03	6-10	3-01	4-03¾	4-06½	2-00	2-07	3-00	1-06	2-06	1-09	1-07½	3-07
185	Miles, Range, 1 and under 2, 1st premium.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
186	Keogh, Range, under 1 year, 1st premium .....	...	555	...	5-01	4-09	5-00	5-08	2-04	3-07¾	3-09¾	1-11	2-03¼	2-04	1-02	2-01	1-06	1-05½	3-01
189	Jumbo, Short-Horn-Native, Heaviest Fat Steer, 1st premium .....	...	3,184	...	9-00	9-04	9-04½	10-7	3-09	5-05¼	5-04¾	2-01¾	2-07¾	4-02½	2-07½	3-03	2-10	2-02½	4-05½

\*Too wild to measure.



# LIST OF ENTRIES AND AWARDS.

## CLASS A—CATTLE.

### LOT 1—SHORT-HORN.

Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.
1	J. J. Hill, St. Paul, Minn. ....	1,155	1,715	1.48	Prentice .....
2	W. H. Renick, Clintonville, Ky. ....	1,256	1,930	1.53	Good Luck .....
3	C. S. Barclay, West Liberty, Iowa ....	1,423	2,070	1.45	Brampton .....
4	J. B. Sherman, Chicago, Ill. ....	1,366	2,185	1.60	Blanchard .....
Average .....		1,300	1,975	1.51	

First premium to steer Prentice, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture .....	\$30 00
American Short-Horn Association .....	30 00
Total .....	\$60 00

Second premium to steer Good Luck, exhibited by W. H. Renick, Clintonville, Ky.—

Illinois State Board of Agriculture .....	\$20 00
American Short-Horn Association .....	20 00
Total .....	40 00

Third premium to steer Brampton, exhibited by C. S. Barclay, West Liberty, Iowa.—

Illinois State Board of Agriculture .....	\$10 00
American Short-Horn Association .....	10 00
Total .....	20 00

Best Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
5	B. Waddel, Marion, O.....	847	1,595	1.88	Charley.....
6	J. H. Potts & Son, Jacksonville, Ill....	957	1,620	1.69	Rochester.....
7	" " " " "	911	1,540	1.69	Red Prince.....
8	J. R. Peak & Son, Winchester, Ill.....	966	1,500	1.55	Ashbrook.....
9	J. W. Pickett, Plattsburg, Mo.....	1,033	1,935	1.87	Challenger.....
10	" " " " "	982	1,620	1.65	Clarendon.....
11	" " " " "	937	1,755	1.87	Experiment.....
12	W. S. White, Sabetha, Kan.....	1,075	1,740	1.62	Waterlad.....
13	Wm. Moffatt & Bro., Paw Paw, Ill.....	879	1,745	1.98	Sir Knight.....
14	" " " " "	774	1,705	2.20	Cruickshank 2d.....
15	John B. Sherman, Chicago, Ill.....	1,071	1,885	1.76	Breast Plate.....
	Average .....	948	1,694	1.79	

First premium to steer Clarendon, exhibited by J. W. Pickett, Plattsburg, Mo.—

Illinois State Board of Agriculture.....	\$30 00
American Short-Horn Association.....	30 00
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Total .....	\$60 00

Second premium to steer Cruickshank 2d, exhibited by Win. Moffatt & Bro., Paw Paw, Ill.—

Illinois State Board of Agriculture.....	\$20 00
American Short-Horn Association.....	20 00
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Total .....	40 00

Third premium to steer Red Prince, exhibited by J. H. Potts & Son, Jacksonville, Ill.—

Illinois State Board of Agriculture .....	\$10 00
American Short-Horn Association .....	10 00
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Total .....	20 00

Best Steer or Spayed Heifer 1 and under 2 years.

16	E. T. Doney, Jackson, Mich.....	706	1,400	1.98
17	F. W. Green, Olivet, Mich.....	706	1,400	1.98
18	J. J. Hill, St. Paul, Minn.....	653	1,385	2.12
17	W. H. Renick, Clintonville, Ky.....	717	1,450	2.02
20	" " " " .....	653	1,315	2.01
21	C. C. Blish & Son, Kewanee, Ill.....	684	1,470	2.15
22	B. Waddel, Marion, O.....	684	1,455	2.13
23	" " " " .....	425	1,255	2.94
24	J. H. Potts & Son, Jacksonville, Ill....	589	1,015	1.72
25	" " " " .....	377	965	2.56
26	J. R. Peak & Son, Winchester, Ill.....	668	1,300	1.95
27	" " " " .....	676	1,450	2.14
28	N. P. Clarke, St. Cloud, Minn.....	596	1,310	2.20
29	J. W. Pickett, Plattsburg, Mo.....	627	1,615	2.57
30	Wm. Moffatt & Bro., Paw Paw, Ill.....	689	1,685	2.44
31	" " " " .....	654	1,160	1.77
 Average .....		630	1,352	2.15

First premium to steer Morse, exhibited by J. R. Peak & Son, Winchester, Ill.—

Illinois State Board of Agriculture.....	\$30 00
American Short-Horn Association.....	30 00
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Total ..	\$60 00



Second premium to steer Goldfinder, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture.....	\$20 00
American Short-Horn Association .....	20 00
Total .....	\$40 00

Third premium to steer Commander Farragut, exhibited by N. P. Clarke, St. Cloud, Minn.—

Illinois State Board of Agriculture.....	\$10 00
American Short-Horn Association .....	10 00
Total .....	20 00

Steer or Spayed Heifer under 1 year.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
32	George Elliott, Harristown, Ill.....	352	825	2.34	Girdle.....
33	C. C. Blish & Son, Kewanee, Ill.....	353	1,035	2.93	Mark.....
34	B. Waddel, Marion, O.....	192	690	3.59	Ohio Belle .....
35	N. P. Clarke, St. Cloud, Minn .....	358	1,030	2.88	Lad of Meadow Lawn 4th....
36	J. W. Pickett, Plattsburg, Mo .....	346	785	2.27	Clarendon 2d.....
	Average .....	320	873	2.80	

First premium to steer Mark, exhibited by C. C. Blish & Son, Kewanee, Ill.—

Illinois State Board of Agriculture.....	\$30 00
American Short-Horn Association .....	30 00
Total .....	\$60 00

Second premium to steer Lad of Meadow Lawn 4th, exhibited by N. P. Clarke, St. Cloud, Minn.—

Illinois State Board of Agriculture.....	\$20 00
American Short-Horn Association.....	20 00
Total .....	40 00

Third premium to steer Girdle, exhibited by George Elliott, Harristown, Ill.—

Illinois State Board of Agriculture.....	\$10 00
American Short-Horn Association .....	10 00
Total .....	20 00

LOT 2—HEREFORD.

Steer or Spayed Heifer 2 and under 3 years.

37	Fowler & VanNatta, Fowler, Ind.....	951	1,555	1.63	Donald .....
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First premium to steer Donald, exhibited by Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$30 00
American Hereford Association.....	75 00
Total .....	\$105 00

## Best Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.
38	Adams Earl, Lafayette, Ind. ....	669	1,185	1.77	Earl of Shadeland . . . . .
39	G. W. Henry, Askhun, Ill. ....	679	1,355	2.00	Royal's Royalty .....
40	Iowa Hereford Cattle Co., Indianola, Ia. .	683	1,465	2.14	Barabas .....
41	B. Waddel, Marion, O. ....	684	1,545	2.26	Christmas Gift .....
42	Wyoming Hereford Ass., Cheyenne, W.T. .	727	1,355	1.86	Master .....
Average .....		688	1,381	2.00	

First premium to steer Christmas Gift, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture .....	\$30 00
American Hereford Association .....	75 00
Total .....	\$105 00

Second premium to steer Earl of Shadeland, exhibited by Adams Earl, LaFayette, Ind.—

Illinois State Board of Agriculture .....	20 00
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Third premium to steer Master, exhibited by Wyoming Hereford Association, Cheyenne, Wy.—

Illinois State Board of Agriculture .....	10 00
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## Steer or Spayed Heifer under 1 year.

33	C. M. Culbertson, Newman, Ill. ....	334	800	2.39	Star Wilton 16th .....
44	Fowler & Van Natta, Fowler, Ind. ....	331	845	2.55	Punch .....
45	F. W. Smith, Columbia, Mo. ....	349	910	2.61	McClenny .....
46	T. C. Ponting, Moweaqua, Ill. ....	329	865	2.63	Samuel Weaver .....
Average .....		336	855	2.55	

First premium to steer Samuel Weaver, exhibited by T. C. Ponting, Moweaqua, Ill.—

Illinois State Board of Agriculture .....	\$30 00
American Hereford Association .....	75 00
Total .....	\$105 00

Second premium to steer McClenny, exhibited by F. W. Smith, Columbia, Mo.—

Illinois State Board of Agriculture .....	20 00
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Third premium to steer Star Wilton 16th, exhibited by C. M. Culbertson, Newman, Ill.—

Illinois State Board of Agriculture .....	10 00
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## LOT 3—DEVON.

## Steer or Spayed Cow 3 and under 4 years.

47	E. T. Doney, Jackson, Mich. ....	1,287	1,360	1.06	Curley .....
48	J. W. Morse & Son, Verona, Wis. ....	1,375	1,665	1.21	Morsel 3905 .....
Average .....		1,331	1,512	1.13½	



First premium to steer Morsel, exhibited by J. W. Morse & Son, Verona, Wis.—

Illinois State Board of Agriculture ..... \$30 00

Second premium to steer Curley, exhibited by E. T. Doney, Jackson, Mich.—

Illinois State Board of Agriculture..... 20 00

Best Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth .....	Name of Animal.
49	J. W. Morse & Son, Verona, Wis.....	1,016	1,325	1.30	Juicy 3877.....
50	Wm. Younger, Fairbury, Ill.....	1,020	1,495	1.46	Beefy 3876.....
50½	“ “ “ .....	1,008	1,485	1.47	Choice 3878 .....
	Average .....	1,015	1,435	1.41	

First premium to steer Beefy, exhibited by Wm. Younger, Fairbury, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to steer Choice, exhibited by Wm. Younger, Fairbury, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to steer Juicy, exhibited by J. W. Morse & Son, Verona, Wis.—

Illinois State Board of Agriculture..... 10 00

Steer or Spayed Heifer 1 and under 2 years.

51	J. W. Morse & Son, Verona, Wis.....	560	1,105	2.00	New Era 3907 .....
52	Wm. Younger, Fairbury, Ill.....	556	1,100	1.98	Mills. ....
53	B. Waddel, Marion, O.....	617	955	1.55	Bobby.....
	Average .....	578	1,053	1.82	

First premium to steer Bobby, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture..... \$30 00

Second premium to steer New Era 3907, exhibited by J. W. Morse, Verona, Wis.—

Illinois State Board of Agriculture..... 20 00

Third premium to steer Mills, exhibited by Wm. Younger, Fairbury, Ill.—

Illinois State Board of Agriculture..... 10 00

Steer or Spayed Heifer under 1 year.

54	J. W. Morse & Son, Verona, Wis.....	187	540	2.90	Chicago Boy .....
55	B. Waddel, Marion, O.....	203	560	2.76	Brass .....
	Average .....	195	550	2.83	

First premium to steer Brass, exhibited by B. Waddel, Marion, O.--

Illinois State Board of Agriculture..... \$30 00

Second premium to steer Chicago Boy, exhibited by J. W. Morse & Son, Verona, Wis.--

Illinois State Board of Agriculture..... 20 00

### LOT 4—ABERDEEN—ANGUS.

Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth.....	Name of Animal.
56	T. W. Harvey, Turlington, Neb.....	1,322	2,225	1.68	Sandy .....

First premium to steer Sandy, exhibited by T. W. Harvey, Turlington, Neb.--

Illinois State Board of Agriculture..... \$30 00  
American Aberdeen-Angus Association..... 75 00

Total ..... \$105 00

Steer or Spayed Heifer 2 and under 3 years.

57	Anderson & Findlay, Lake Forest, Ill...	1,093	1,610	1.47	Wilfried .....
58	T. W. Harvey, Turlington, Neb.....	1,075	1,995	1.86	Black Prince of Turlington..
59	“ .....	1,002	1,800	1.80	Pontiff .....
Average .....		1,056	1,801	1.71	

First premium to steer Black Prince of Turlington, exhibited by T. W. Harvey, Turlington, Neb.--

Illinois State Board of Agriculture..... \$30 00  
American Aberdeen-Angus Association..... 75 00

Total ..... \$105 00

Second premium to steer Pontiff, exhibited by T. W. Harvey, Turlington, Neb.--

Illinois State Board of Agriculture..... 20 00

Third premium to steer Wilfried, exhibited by Anderson & Findlay, Lake Forest, Ill.--

Illinois State Board of Agriculture..... 10 00

Steer or Spayed Heifer 1 and under 2 years.

60	J. J. Hill, St. Paul, Min .....	692	1,440	2.08	Monroe .....
61	“ .....	653	1,235	1.97	Nomad.....
62	Estill Bros., Estill, Mo.....	494	1,253	2.53	Dot.....
63	“ .....	494	945	1.91	Dorothy.....
64	T. W. Harvey, Turlington, Neb .....	687	1,500	2.18	Fam O'Shanter .....
Average .....		604	1,284	2.12	



First premium to steer Dot, exhibited by Estill Bros., Estill, Mo.—

Illinois State Board of Agriculture.....	\$30 00
American Aberdeen-Angus Association.....	75 00
Total .....	\$105 00

Second premium to steer Tam O'Shanter, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture.....	20 00
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Third premium to steer Monroe, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture.....	10 00
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Steer or Spayed Heifer under 1 year.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
65	T. W. Harvey, Turlington, Neb.....	327	890	2.72	Alexandria Knight.....

First premium to steer Alexandria Knight, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture.....	\$30 00
American Aberdeen-Angus Association.....	75 00
Total .....	\$105 00

LOT 6—OTHER BEEF BREEDS.

Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age in days, November 8, 1887.....	Weight, November 8, 1887.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
66	E. & A. Stanford, Steyning, Eng	1,392	1,970	1.41	Speculation.....	Sussex.....
67	Overton Lea, Nashville, Tenn.	1,388	1,765	1.27	Robertson.....	Sussex.....
	Average .....	1,390	1,867	1.34		

First premium to Sussex steer Speculation, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture.....	\$30 00
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Second premium to Sussex steer Robertson, exhibited by Overton Lea, Nashville, Tenn.—

Illinois State Board of Agriculture.....	20 00
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## Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibitor.	Age in days November 8 1887.....	Weight November 8, 1887.. .....	Average gain per day in pounds since birth.....	Name of Animal-	Breed.
68	Overton Lea, Nashville, Tenn.	707	1,270	1.80	Rover.....	Sussex-.....

First premium to steer Rover, exhibited by Overton Lea, Nashville, Tenn.—

Illinois State Board of Agriculture.....	\$30 00
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## Steer or Spayed Heifer under 1 year.

69	Overton Lea, Nashville, Tenn.	355	710	2.00	Letham.....	Sussex.....
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First premium to steer Letham, exhibited by Overton Lea, Nashville, Tenn.—

Illinois State Board of Agriculture.....	\$30 00-
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### LOT 7—GRADES AND CROSSES.

## Steer or Spayed Cow 3 and under 4 years.

70	Adams Earl, Lafayette, Ind....	1,303	2,160	1.66	Sir Bartle 3d.....	Her'fd. Short-Horn.
71	" " " " .....	1,265	2,090	1.65	Sir Bartle 5th .....	Grade Hereford....
72	J. N. Cline, Athens, Ill.....	1,200	2,030	1.69	Roan Dick .....	Grade Short-Horn.
73	" " " " .....	1,136	1,760	1.55	Good Boy.....	" "
74	C. M. Culbertson, Newman, Ill.	1,403	1,905	1.35	Faistaff.....	Grade Hereford....
75	" " " " .....	1,303	1,830	1.40	Bardolph.....	" "
76	" " " " .....	1,329	2,000	1.50	Pete. ....	" "
77	" " " " .....	1,283	1,830	1.43	Goggles .....	" "
78	J.A. Funkhouser, Platts'b'rg, Mo	1,382	1,970	1.43	Red Maple .....	Grade Short-Horn.
79	W. H. Renick, Clintonville, Ky	1,184	2,000	1.69	Wild Bill.....	" "
80	Fowler & Van Natta, Fowler, Ind .....	1,212	2,200	1.81	Ned Price.....	Grade Hereford....
81	D. M. Moninger, Galvin, Ia....	1,406	2,370	1.69	Stevens .....	Grade Short-Horn.
82	" " " " .....	1,447	2,360	1.63	Livingston .....	" "
83	" " " " .....	1,365	2,040	1.49	Larrabee .....	" "
84	J. R. Peak & Son, Winchester. Ill.....	1,252	1,975	1.58	Grover .....	" "
85	T. W. Harvey, Turlington, Neb	1,178	1,760	1.49	Leopard.....	Angus-Native.....
86	J.C. Norris & Son, LaMoille, Ill	1,213	1,845	1.52	Mike.....	Galloway-Native ..
87	" " " " .....	1,213	1,870	1.54	John .....	" " ..
88	" " " " .....	1,213	1,825	1.50	Joe. ....	" " ..
89	" " " " .....	1,213	1,820	1.50	Tom.....	" " ..
90	" " " " .....	1,151	1,715	1.49	Pete.....	" " ..
91	Thos. Clark, Beecher, Ill.....	1,138	1,620	1.42	Edward .....	Grade Hereford....
92	J. B. Sherman, Chicago, Ill...	1,445	1,925	1.33	Tabor .....	" "
Average .....		1,271	1,952	1.54		

**First premium to steer Stevens, exhibited by D. M. Moninger, Galvin, Ia.—**

Illinois State Board of Agriculture.....	\$30 00
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Second premium to steer Grover, exhibited by J. R. Peak & Son, Winchester, Ill.—

Illinois State Board of Agriculture.....	20 00
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Third premium to steer Ned Price, exhibited by Fowler & Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	10 00
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Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days, November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
93	Adams Earl, Lafayette, Ind..	1,059	1,925	1.52	Sir Bartle 6th.....	Gr. Hereford.....
94	J. N. Cline, Athens, Ill.....	949	2,095	2.21	Red Jacket.....	Gr. Short-Horn....
95	Geo. Elliott, Harristown, Ill..	882	1,580	1.79	Great Britain.....	“.....
96	John Hudson, Moweaqua, Ill..	877	1,515	1.73	Andy .....	Gr. Hereford.....
97	Geo. Leigh & Co., Aurora, Ill..	738	1,430	1.93	Ruby .....	“.....
98	Wm. Younger, Fairbury, Ill...	1,059	1,530	1.44	Red Oak.....	Devon-Native.....
99	J. J. Hill, St. Paul, Minn.....	989	1,890	1.91	Curry.....	Angus-Short-Horn.
100	J. A. Funkhouser, Plattsburg, Mo.....	1,001	1,900	1.90	Cupid.....	Gr. Hereford.....
101	J. A. Funkhouser, Plattsburg, Mo.....	1,004	1,720	1.71	Clinton.....	“.....
102	W. H. Renick, Clintonville, Ky	969	1,790	1.84	Goff .....	Gr. Short-Horn....
103	“.....	1,011	1,520	1.50	Jacoby.....	“.....
104	Fowler & Van Natta, Fowler, Ind.....	1,001	1,740	1.74	Anxiety.....	Gr. Hereford.....
105	B. S. Eldridge, Galva, Ill.....	922	1,935	2.10	Dick.....	Gr. Short-Horn....
106	“.....	918	1,885	2.05	Dock.....	“.....
107	H. H. Clough & Co., Elyria, O..	877	1,515	1.73	Dick Babbitt.....	Gr. Hereford.....
108	Geo. Leigh & Co., Aurora, Ill..	1,018	1,960	1.83	Dave .....	Herford-Devon ...
109	Abraham Mann, Rossville, Ill..	969	1,695	1.75	Monarch.....	Gr. Short-Horn....
110	“.....	969	1,635	1.69	Empire.....	“.....
111	“.....	877	1,565	1.78	King.....	“.....
112	“.....	877	1,610	1.82	Colonel.....	“.....
113	D. M. Moninger, Galvin, Ia...	1,020	1,855	1.92	Glick .....	“.....
114	J. R. Peak & Son, Winchester, Ill.....	903	1,580	1.75	Frisk .....	“.....
115	J. R. Peak & Son, Winchester, Ill.....	875	1,720	1.98	Frank .....	“.....
116	H. W. Elliott, Estill, Mo.....	977	1,775	1.82	Lancer .....	Angus-Short-Horn.
117	“.....	943	1,570	1.66	Jerome.....	Gr. Angus.....
118	“.....	1,010	1,645	1.63	Pet'r of Grapewood	“.....
119	Estill Bros., “.....	995	1,705	1.71	Felix .....	“.....
120	Inter-State Gall. Cattle Co., Kansas City, Mo.....	982	1,875	1.91	Colonel.....	Gr. Galloway.....
121	Inter-State Gall. Cattle Co., Kansas City, Mo.....	952	1,750	1.84	General.....	“.....
122	W. S. White, Sabetha, Kan....	893	1,620	1.81	Roan-Commander..	Gr. Short-Horn...
123	“.....	931	1,570	1.69	Seraphina of Oak-land .....	“.....
124	J. C. Bertram, Bristol, Ill....	926	1,790	1.93	Victor .....	Gr. Hereford.....
125	J. B. Sherman, Chicago, Ill...	1,073	1,950	1.82	L. X. L.....	Gr. Short-Horn....
126	“.....	1,045	1,815	1.74	Bob .....	Gr. Hereford.....
127	“.....	924	1,780	1.92	T. P.....	“.....
128	J. R. Price & Son, Williams-ville, Ill.....	938	1,740	1.85	Armour.....	“.....
129	J. R. Price & Son, Williams-ville, Ill.....	923	1,655	1.80	Arthur.....	“.....
Average.....		954	1,725	1.80		

First premium to steer Glick, exhibited by D. M. Moninger, Galvin, Ia.—

Illinois State Board of Agriculture..... \$50 00

Second premium to steer T. P., exhibited by Jno. B. Sherman, Chicago, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to steer General, exhibited by the Inter State Galloway Cattle Co., Kansas City, Mo.—

Illinois State Board of Agriculture... 10 00

Illinois State Board of Agriculture.....	10 00
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First premium to steer Cullom, exhibited by J. R. Price & Son, Williamsville, Ill.—

Second premium to steer Samson, exhibited by Fowler & Van Natta, Fowler, Ind.—

Third premium to steer Granite, exhibited by J. A. Funkhouser, Plattsburg, Mo.—

LOT 8—RANGE CATTLE.

## Steer or Spayed Cow 3 and under 4 years.

[illegible]

First premium to steer Sturgis, exhibited by J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture..... \$30 00

Second premium to steer Montana, exhibited by J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture..... 20 00

Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth .....	Name of Animal.
184	J. S. Smith & Co., Alzada, Mont .....	.....	980 .....	.....	Custer .....

First premium to steer Custer, exhibited by J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture..... \$30 00

Steer or Spayed Heifer 1 and under 2 years.

185	J. S. Smith & Co., Alzada, Mont .....	.....	.....	.....	Miles.....
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First premium to steer Miles, exhibited by J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture..... \$30 00

Steer or Spayed Heifer under 1 year.

186	J. S. Smith & Co., Alzada, Mont .....	.....	555 .....	.....	Keogh.....
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First premium to steer Keogh, exhibited by J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture..... \$30 00

## LOT 9—ALL BREEDS AND GRADES BY AGES.

Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
1	J. J. Hill, St. Paul, Minn .....	1,155	1,715	1.48	Prentice .....	Short-Horn.....
48	J. W. Morse & Son, Verona, Wis .....	1,375	1,665	1.21	Morse 3905.....	Devon .....
56	T. W. Harvey, Turlington, Neb .....	1,322	2,225	1.68	Sandy .....	Aberdeen-Angus ..
66	E. & A. Stanford, Steyning, Eng .....	1,392	1,970	1.41	Speculation .....	Sussex .....
81	D. M. Moninger, Galvin, Ia ...	1,406	2,370	1.69	Stevens.....	Gr. Short-Horn....
Average .....		1,330	1,989	1.49		



Premium to steer Stevens, exhibited by D. M. Moninger, Galvin, Iowa.—

Illinois State Board of Agriculture.....	\$50 00
Eureka Mower Co., Utica, N. Y.....	100 00
Total .....	\$150 00

Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
10	J. W. Pickett, Plattsburg, Mo.	982	1,620	1.65	Clarendon .....	Short-Horn.....
37	Fowler & VanNatta, Fowler, Ind .....	951	1,555	1.63	Donald .....	Hereford .....
50	Wm. Younger, Fairbury, Ill..	1,020	1,495	1.46	Beefy.....	Devon .....
58	T. W. Harvey, Turlington, Neb	1,075	1,995	1.86	Black Prince of Turlington .....	Aberdeen-Angus ..
113	D. M. Moninger, Galvin, Ia. .	1,020	1,855	1.92	Glick .....	Gr. Short-Horn....
	Average .....	1,009	1,704	1.70		

Premium to steer Glick, exhibited by D. M. Moninger, Galvin, Iowa.—

Illinois State Board of Agriculture.....	\$50 00
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Steer or Spayed Heifer 1 and under 2 years.

27	J. R. Peak & Son, Winchester, Ill .....	676	1,450	2.14	Morse .....	Short-Horn.....
41	B. Waddel, Marion, O .....	684	1,545	2.26	Christmas Gift ....	Hereford .....
53	.....	617	955	1.55	Bobby .....	Devon .....
62	Estill Bros., Estill, Mo .....	494	1,250	2.53	Dot .....	Aberdeen-Angus ..
68	Overton Lea, Nashville, Tenn .	702	1,270	1.80	Rover .....	Sussex .....
158	Fowler & VanNatta, Fowler, Ind .....	704	1,480	2.10	Sam Jones.....	Gr. Hereford.....
	Average .....	646	1,331	2.06		

Premium to steer Christmas Gift, exhibited by B. Waddel, Marion, Ohio—

Illinois State Board of Agriculture.....	\$50 00
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Steer or Spayed Heifer under 1 year.

33	C. C. Blish & Son, Kewanee, Ill .....	353	1,035	2.93	Mark .....	Short-Horn.....
46	T. C. Ponting, Moweaqua, Ill..	329	865	2.63	Samuel Weaver....	Hereford .....
55	B. Waddel, Marion, O .....	203	560	2.76	Brass.....	Devon .....
65	T. W. Harvey, Turlington, Neb	327	890	2.72	Alexandria Knight	Aberdeen-Angus ..
69	Overton Lea, Nashville, Tenn.	355	710	2.00	Letham.....	Sussex .....
180	J. R. Price & Son, Williams-ville, Ill .....	310	910	2.93	Cullom .....	Gr. Hereford.....
	Average .....	313	828	2.66		

Premium to steer Samuel Weaver, exhibited by T. C. Ponting, Moweaqua, Ill.—

Illinois State Board of Agriculture.....	\$50 00
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# LOT 10—SWEEPSTAKES.

Best Animal shown in Lot 1—Short-Horn.

No.	Exhibitor	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day, in pounds, since birth. ....	Name of Animal.
1	J. J. Hill, St. Paul, Minn. ....	1,155	1,715	1.48	Prentice .....
10	J. W. Pickett, Plattsburg, Mo. ....	982	1,620	1.65	Clarendon. ....
27	J. R. Peak & Son, Winchester, Ill. ....	676	1,450	2.14	Morse .....
33	C. C. Blish & Son, Kewanee, Ill. ....	353	1,035	2.93	Mark .....

Premium to steer Prentice, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture .....	\$75 00
American Short-Horn Association .....	75 00
Marshall Field & Co .....	50 00
L. A. Raven & Co. ....	5 00
R. B. Crouch & Co .....	5 00
Dr. Cregar .....	5 00
<b>Total .....</b>	<b>\$215 00</b>

Best Animal shown in Lot 2—Hereford.

37	Fowler & Van Natta, Fowler, Ind. ....	951	1,555	1.63	Donald .....
41	B. Waddel, Marion, Ohio .....	684	1,545	2.26	Christmas Gift .....
46	T. C. Ponting, Moweaqua, Ill. ....	329	865	2.63	Samuel Weaver .....

Premium to steer Christmas Gift, exhibited by B. Waddel, Marion, Ohio—

Illinois State Board of Agriculture .....	\$75 00
American Hereford Association .....	100 00
Marshall Field & Co .....	50 00
L. A. Raven & Co. ....	5 00
R. B. Crouch & Co .....	5 00
Dr. Cregar .....	5 00
<b>Total .....</b>	<b>\$240 00</b>

Best Animal shown in Lot 3—Devon.

48	J. W. Morse & Son, Verona, Wis. ....	1,375	1,665	1.21	Morsel 3905 .....
50	Wm. Younger, Fairbury, Ill. ....	1,020	1,495	1.46	Beefy .....
53	B. Waddel, Marion, Ohio .....	617	955	1.55	Bobby .....
55	“ “ .....	203	560	2.76	Brass .....

Premium to Beefy, exhibited by Wm. Younger, Fairbury, Ill. —

Illinois State Board of Agriculture .....	\$75 00
Marshall Field & Co .....	50 00
L. A. Raven & Co. ....	5 00
R. B. Crouch & Co .....	5 00
Dr. Cregar .....	5 00
<b>Total .....</b>	<b>\$140 00</b>



## Best Animal shown in Lot 4—Aberdeen-Angus.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth .....	Name of Animal.
56	T. W. Harvey, Turlington, Neb.....	1,322	2,225	1.68	Sandy .....
58	“ “ “ “ .....	1,075	1,995	1.86	Black Prince of Turlington.....
62	Estill Bros., Estill, Mo.....	494	1,250	2.53	Dot.....
65	T. W. Harvey, Turlington, Neb.....	327	890	2.72	Alexandria Knight.....

Premium to steer Sandy, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture.....	\$75 00
American Aberdeen-Angus Association.....	100 00
Marshall Field & Co.....	50 00
L. A. Raven & Co.....	5 00
R. B. Crouch & Co. ....	5 00
Dr. Cregar.....	5 00
Total .....	\$240 00

## Best Animal shown in Lot 6—Other Beef Breeds.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth .....	Name of Animal.	Breed.
66	E. & A. Stanford, Steyning, Eng	1,392	1,970	1.41	Speculation.....	Sussex.....
68	Overton Lea, Nashville, Tenn.	702	1,270	1.89	Rover .....	“ .....
69	“ “ “ “ .....	355	710	2.00	Letham.....	“ .....

Premium to Sussex steer Speculation, exhibited by E. &amp; A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture.....	\$75 00
R. B. Crouch & Co.....	5 00
Total .....	\$80 00

## Best Animal shown in Lot 7—Grades and Crosses.

81	D. M. Moninger, Galvin, Ia...	1,406	2,370	1.69	Stevens.....	Gr. Short-Horn....
113	“ “ “ “ .....	1,020	1,855	1.92	Glick .....	“ .....
158	Fowler & Van Natta, Fowler, Ind .....	704	1,480	2.10	Sam Jones .....	Gr. Hereford .....
180	J. R. Price & Son, Williams-ville, Ill.....	310	910	2.93	Cullom .....	“ .....

Premium to steer Glick, exhibited by D. M. Moninger, Galvin, Ia,—

Illinois State Board of Agriculture.....	\$75 00
Marshall Field & Co.....	50 00
L. A. Raven & Co.....	5 00
R. B. Crouch & Co.....	5 00
Dr. Cregar.....	5 00
Total .....	\$140 00

## Best Animal Shown in Lot 8—Range Cattle.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
....	J. S. Smith & Co., Alzada, Mont.....	.....	1,470	.....	Sturgis.....
....	“ “ “.....	.....	980	.....	Custer.....
....	“ “ “.....	.....	.....	.....	Miles.....
....	“ “ “.....	.....	555	.....	Keogh.....

Premium to steer Sturgis, exhibited by J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture.....	\$75 00
R. B. Crouch & Co .....	5 00
Total .....	\$80 00

## LOT 11—GRAND SWEEPSTAKES.

## Best Steer in the Show.

No.	Exhibitor.	Age in days, November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
1	J. J. Hill, St. Paul, Minn.....	1,155	1,715	1 48	Prentice .....	Short-Horn.....
41	B. Waddel, Marion, O.. .....	684	1,545	2.26	Christmas Gift....	Hereford .....
50	Wm. Younger, Fairbury, Ill... ..	1,020	1,495	1.46	Beefy.....	Devon .....
56	T. W. Harvey, Turlington, Neb. ....	1,322	2,225	1.68	Sandy .....	Aberdeen-Angus ..
66	E. & A. Stanford, Steyning, Eng ..	1,392	1,970	1.41	Speculation .....	Sussex .....
113	D. M. Moninger, Galvin, Ia... ..	1,020	1,855	1.92	Glick .....	Grade Short-Horn.
46	T. C. Ponting, Moweaqua, Ill.. ..	329	865	2.63	Samuel Weaver....	Hereford .....

Premium to steer Glick, exhibited by D. M. Moninger, Galvin, Ia.—

Illinois State Board of Agriculture.....	\$100 00
Schnttler & Hotz.....	110 00
Newark Machine Co.....	130 00
Breeders' Gazette gold challenge shield, valued at.....	125 00
E. W. Blatchford & Co.....	7 75
Total .....	\$472 75



## LOT 12—HERDS.

Best Devon Herd, to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer, under 1 year old.

No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
48	J. W. Morse & Son, Verona, Wis.....	1,375	1,665	1.21	Morsel 3905 .....
49	“ “ .....	1,016	1,325	1.30	Juicy 3877.....
51	“ “ .....	560	1,105	2.00	New Era 3907 .....
54	“ “ .....	187	540	2.90	Chicago Boy 4309.....

Premium to J. W. Morse & Son, Verona, Wis.—

Illinois State Board of Agriculture..... \$100 00

Best Aberdeen-Angus Herd, to consist of Steer or Spayed Cow, 3 and under 4 years, Steer or Spayed Heifer, 2 and under 3 years, Steer or Spayed Heifer, 1 and under 2 years, Steer or Spayed Heifer under 1 year old.

56	T. W. Harvey, Turlington, Neb.....	1,322	2,225	1.68	Sandy.....
58	“ “ .....	1,075	1,995	1.86	Black Prince of Turlington..
64	“ “ .....	687	1,500	2.18	Tam O'Shanter .....
65	“ “ .....	327	890	2.72	Alexandria Knight.....

Premium to T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture..... \$100 00

American Aberdeen-Angus Association..... 100 00

Total ..... \$200 00

Best Herd Grades and Crosses to consist of Steer or Spayed Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.

70	Adams Earl, Lafayette, Ind.....	1,303	2,160	1.66	Sir Bartle 3d .....
93	“ “ .....	1,059	1,925	1.82	Sir Bartle 6th.....
150	“ “ .....	630	1,350	2.14	Exeter.....
169	“ “ .....	284	685	2.41	Ensign.....
78	J. A. Funkhouser, Plattsburg, Mo.....	1,382	1,970	1.43	Red Maple.....
101	“ “ .....	1,004	1,720	1.71	Clinton .....
154	“ “ .....	642	1,405	2.19	Defiance .....
172	“ “ .....	298	925	3.10	Lithograph .....
80	Fowler & Van Natta, Fowler, Ind.....	1,212	2,200	1.81	Ned Price.....
104	“ “ .....	1,001	1,740	1.74	Anxiety.....
158	“ “ .....	704	1,480	2.10	Sam Jones.....
173	“ “ .....	335	885	2.64	Samson .....
81	D. M. Moninger, Galvin, Ia.....	1,406	2,370	1.69	Stevens .....
113	“ “ .....	1,021	1,855	1.92	Glick .....
132	“ “ .....	620	1,510	2.43	Bob Burdette .....
174	“ “ .....	312	875	2.80	Bob Jr.....
92	Jno. B. Sherman, Chicago, Ill.....	1,445	1,925	1.33	Tabor.....
127	“ “ .....	924	1,780	1.92	T. P.....
145	“ “ .....	714	1,470	2.06	Eclipse .....
179	“ “ .....	351	935	2.66	Grande.....
84	J. R. Peak & Son, Winchester, Ill.....	1,252	1,975	1.58	Grover.....
115	“ “ .....	875	1,730	1.98	Frank.....
134	“ “ .....	680	1,470	2.16	Bird.....
175	“ “ .....	351	950	2.71	Pioneer .....

Premium to D. M. Moninger, Galvin, Ia —

Illinois State Board of Agriculture..... \$100 00

Best Herd Range Cattle, to consist of Steer or Spayed Cow 3 and under 4 years, Steer or Spayed Heifer 2 and under 3 years, Steer or Spayed Heifer 1 and under 2 years, Steer or Spayed Heifer under 1 year old.

No.	Exhibitor.	Age in days, November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
183	J. S. Smith & Co., Alzada, Mont.....	.....	1,470	.....	Sturgis.....
184	“ “ “.....	.....	980	.....	Custer.....
185	“ “ “.....	.....	.....	.....	Miles.....
186	“ “ “.....	.....	555	.....	Keogh.....

Premium to J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture..... \$100 00

### LOT 13—BEST HERD IN THE SHOW.

48	J. W. Morse & Son, Verona, Wis.....	1,375	1,665	1.21	Morsel 3905.....
49	“ “ “.....	1,016	1,325	1.30	Juicy 3877.....
51	“ “ “.....	560	1,105	2.00	New Era 3907.....
54	“ “ “.....	187	540	2.90	Chicago Boy 4309.....
56	T. W. Harvey, Turlington, Neb.....	1,322	2,225	1.68	Sandy.....
58	“ “ “.....	1,075	1,995	1.86	Black Prince of Turlington..
64	“ “ “.....	687	1,500	2.18	Tam O'Shanter.....
65	“ “ “.....	327	890	2.72	Alexandria Knight.....
81	D. M. Moninger, Galvin, Ia. ....	1,406	2,370	1.69	Stevens.....
113	“ “ “.....	1,020	1,855	1.92	Glick.....
132	“ “ “.....	620	1,510	2.43	Bob Burdette.....
174	“ “ “.....	312	875	2.80	Bob, Jr.....

Premium to T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture..... \$200 00  
 American Aberdeen-Angus Association..... 300 00  
 Goulds & Austin..... 65 00  
 Fairbanks, Morse & Co..... 20 00  
 E. W. Blatchford & Co..... 8 00  
 Challenge Windmill and Feed Co., 10-foot windmill.....

Total..... \$593 00

### LOT 14—DRESSED CARCASS.

Best Carcass of Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
1	J. J. Hill, St. Paul, Minn.....	1,155	1,715	1.48	Prentice.....	Short-Horn.....
67	Overton Lea, Nashville, Tenn.	1,388	1,765	1.27	Robertson.....	Sussex.....
56	T.W. Harvey, Turlington, Neb.	1,322	2,225	1.68	Sandy.....	Aberdeen-Angus..
85	“ “ “.....	1,178	1,760	1.49	Leopold.....	Angus-Native....
91	Thos. Clark, Beecher, Ill.....	1,138	1,620	1.42	Edward.....	Gr. Hereford.....
66	E. & A. Stanford, Steyning, Eng.....	1,392	1,970	1.41	Speculation.....	Sussex.....
187	John B. Sherman, Chicago, Ill.	1,293	1,625	1.26	Scottish Prince....	H'ref'd-W.Highl'dr
Average.....		1,266	1,811	1.43		



Premium to steer Scottish Prince, exhibited by J. B. Sherman, Chicago, Ill.—

Illinois State Board of Agriculture.....	\$75 00
American Hereford Association.....	50 00
Total .....	\$125 00

Best Carcass Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
97	Geo. Leigh & Co., Aurora, Ill.	738	1,430	1.93	Ruby .....	Gr. Hereford.....
98	Wm. Younger, Fairbury, Ill..	1,059	1,530	1.44	Red Oak.....	Devon-Native .....
37	Fowler & Van Natta, Fowler, Ind.....	951	1,555	1.63	Donald .....	Hereford .....
104	Fowler & Van Natta, Fowler, Ind.....	1,001	1,740	1.74	Anxiety.....	Gr. Hereford.....
107	H. H. Clough, Elyria, O.....	877	1,515	1.73	Dick Babbitt.....	" .....
117	H. W. Elliott, Esill, Mo.....	943	1,570	1.66	Jerome .....	Gr. Angus.....
119	Estill Bros., .....	995	1,705	1.71	Felix .....	" .....
120	Inter-State Gall. Cattle Co., Kansas City, Mo.....	982	1,875	1.91	Colonel.....	Gr. Galloway.....
121	Inter-State Gall. Cattle Co., Kansas City, Mo.....	952	1,750	1.84	General.....	" .....
58	T. W. Harvey, Turlington, Neb	1,075	1,995	1.86	Black Prince of Turlington .....	Aberdeen-Angus ..
59	" .....	1,002	1,800	1.80	Pontiff.....	" .....
50	Wm. Younger, Fairbury, Ill..	1,020	1,495	1.46	Beefy.....	Devon .....
113	D. M. Moninger, Galvin, Ia...	1,020	1,855	1.92	Glick .....	Gr. Short-Horn ...
	Average .....	970	1,678	1.74		

Premium to steer Colonel, exhibited by Inter-State Gall. Cattle Co., Kansas City, Mo.—

Illinois State Board of Agriculture.....	\$75 00
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Carcass Steer or Spayed Heifer 1 and under 2 years.

38	Adams Earl, Lafayette, Ind..	669	1,185	1.77	Earl of Shadeland.	Hereford .....
143	T. W. Harvey, Turlington, Neb	555	1,330	2.40	Pistole .....	Angus-Native .....
139	Inter-State Gall. Cattle Co., Kansas City, Mo.....	621	1,190	1.92	Bonita. ....	Gall. Short-Horn..
26	J. R. Peak & Son, Winchester, Ill.....	668	1,300	1.95	Baron von Tromp.,	Short-Horn.....
39	G. W. Henry, Ashkum, Ill....	679	1,355	2.00	Royal's Royalty...	Hereford .....
42	Wyo. Hereford Association, Cheyenne, Wyo.....	727	1,355	1.86	Master.....	" .....
41	B. Waddel, Marion, O.....	684	1,545	2.26	Christmas Gift....	" .....
	Average .....	657	1,323	2.02		

Premium to steer Pistole, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture.....	\$75 00
American Aberdeen-Angus Association.....	50 00
Total.....	\$125 00

## Carcass furnishing the largest per cent. of edible meat.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
66	E.&A. Stanford, Steyning, Eng	1,392	1,970	1.41	Speculation.....	Sussex..... Hereford-West
187	J. B. Sherman, Chicago, Ill..	1,293	1,625	1.26	Scottish Prince....	Highlander.....
107	H. H. Clough, Elyria, O.....	877	1,515	1.73	Dick Babbitt.....	Gr. Hereford.....
39	G. W. Henry, Ashkum, Ill....	679	1,355	1.86	Royal's Royalty...	Hereford.....
113	D. M. Moninger, Galvin, Ia....	1,020	1,855	1.92	Glick.....	Gr. Short-Horn...
97	Geo. Leigh & Co., Aurora, Ill.	738	1,430	1.93	Ruby.....	Gr. Hereford.....
119	Estill Bros., Estill, Mo.....	995	1,705	1.71	Felix.....	Gr. Angus.....
120	Inter-State Gall. Cattle Co., Kansas City, Mo.....	982	1,875	1.91	Colonel.....	Gr. Galloway.....
121	Inter-State Gall. Cattle Co., Kansas City, Mo.....	952	1,750	1.84	General.....	".....
50	Wm. Younger, Fairbury, Ill..	1,020	1,495	1.46	Beefy.....	Gr. Short-Horn...
42	Wyo. Hereford Association, Cheyenne, Wyo.....	727	1,355	1.86	Master.....	Hereford.....
41	B. Waddel, Marion, O.....	684	1,545	2.26	Christmas Gift....	".....

Premium to steer Scottish Prince, exhibited by J. B. Sherman, Chicago, Ill.—

Illinois State Board of Agriculture..... \$75 00

## Carcass furnishing the largest per cent. of net to gross weight.

38	Adams Earl, Lafayette, Ind...	669	1,185	1.77	Earl of Shadeland.	Hereford.....
98	Wm. Younger, Fairbury, Ill..	1,059	1,530	1.44	Red Oak.....	Devon-Native....
1	J. J. Hill, St. Paul, Minn.....	1,155	1,715	1.48	Prentice.....	Short-Horn.....
37	Fowler & VanNatta, Fowler, Ind.....	951	1,555	1.63	Donald.....	Hereford.....
104	Fowler & VanNatta, Fowler, Ind.....	1,001	1,740	1.74	Anxiety.....	Gr. Hereford.....
117	H. W. Elliott, Estill, Mo.....	943	1,570	1.66	Jerome.....	Gr. Angus.....
67	Overton Lea, Nashville, Tenn.	1,888	1,765	1.27	Robertson.....	Sussex.....
56	T. W. Harvey, Turlington, Neb	1,322	2,225	1.68	Sandy.....	Aberdeen-Angus..
58	" "	1,075	1,995	1.86	Black Prince of Turlington.....	".....
59	" "	1,002	1,800	1.80	Pontiff.....	".....
143	" "	555	1,330	2.40	Pistole.....	Angus-Native.....
85	" "	1,178	1,760	1.49	Leopard.....	Aberdeen-Angus..
91	Thomas Clark, Beecher, Ill...	1,138	1,620	1.42	Edward.....	Gr. Hereford.....
139	Inter-State Gall. Cattle Co., Kansas City, Mo.....	621	1,190	1.92	Bonita.....	Gall.-Short-Horn..
26	J. R. Peak & Son, Winchester, Ill.....	668	1,300	1.95	Baron Von Tromp.	Short-Horn.....
66	E. & A. Stanford, Steyning, Eng.....	1,392	1,970	1.41	Speculation.....	Sussex..... Hereford-West-
187	J. B. Sherman, Chicago, Ill...	1,293	1,625	1.26	Scottish Prince....	Highlander.....
107	H. H. Clough & Co., Elyria, O.	877	1,515	1.73	Dick Babbitt.....	Gr. Hereford.....
39	G. W. Henry, Ashkum, Ill....	679	1,355	1.86	Royal's Royalty...	Hereford.....
113	D. M. Moninger, Galvin, Ia....	1,020	1,855	1.92	Glick.....	Gr. Short-Horn...
119	Estill Bros., Estill, Mo.....	995	1,705	1.71	Felix.....	Gr. Angus.....
120	Inter-State Gall. Cattle Co., Kansas City, Mo.....	982	1,875	1.91	Colonel.....	Gr. Galloway.....
121	Inter-State Gall. Cattle Co., Kansas City, Mo.....	952	1,750	1.84	General.....	".....
97	Geo. Leigh & Co., Aurora, Ill.	738	1,438	1.93	Ruby.....	Gr. Hereford.....
50	Wm. Younger, Fairbury, Ill..	1,020	1,495	1.46	Beefy.....	Gr. Short-Horn...
42	Wyoming Hereford Associa- tion, Cheyenne, Wyoming...	727	1,355	1.86	Master.....	Hereford.....
41	B. Waddel, Marion, O.....	684	1,545	2.26	Christmas Gift....	".....

Premium to steer Black Prince of Turlington, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture..... \$75 00



LOT 15--DRESSED CARCASS SWEEPSTAKES.

Best Carcass of Steer or Spayed Heifer of any age.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
187	J. B. Sherman, Chicago, Ill...	1,293	1,625	1.26	Scottish Prince....	Hereford-West-
120	Inter-State Gall. Cattle Co., Kansas City, Mo .....	982	1,875	1.91	Colonel .....	Highlander..... Gr. Galloway.....
143	T. W. Harvey, Turlington, Neb	555	1,330	2.40	Pistole .....	Angus-Native. ....

Premium to steer Colonel, exhibited by Inter-State Galloway Cattle Co., Kansas City, Mo.—

Illinois State Board of Agriculture.....	\$100 00
Fairbanks, Morse & Co.....	180 00
Total .....	\$280 00

# LOT 14—DRESSED CARCASS.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age, 3 and under 4 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Average gain per day in pounds since birth ....	Live wt. at slaughter ..	Weight dressed carcass.	Per cent. net carcass to gross weight.....	Weight carcass, hide and tallow .....	Per cent. profitable wt., carcass, hide and tallow to gross or live weight.	Tallow .....	Hide.....	Left fore quarter.....	Right fore quarter.....	Left hind quarter.....	Right hind quarter .....
J. J. Hill, St. Paul, Minn .....	Prentice .....	Short-Horn .....	1, 155	1.48	1, 630	1, 113	.68	1, 261	.78	67	81	281	283	281	268
Overton Lea, Nashville, Tenn.....	Robertson .....	Sussex .....	1, 388	1.27	1, 695	1, 154	.68	1, 319	.78	69	96	311	317	266	260
T. W. Harvey, Turlington, Neb.....	Sandy.....	Aberdeen-Angus .....	1, 322	1.68	2, 155	1, 523	.71	1, 747	.81	119	105	424	403	348	348
Thos. Clarke, Beecher, Ill.....	Leopard .....	Angus-Native.....	1, 178	1.49	1, 740	1, 151	.66	1, 328	.76	84	93	306	304	272	269
E. & A. Stanford, Steyning, Eng.....	Edward .....	Grade Hereford.....	1, 138	1.42	1, 555	1, 021	.66	1, 187	.76	76	90	268	266	247	240
J. B. Sherman, Chicago, Ill .....	Speculation .....	Sussex .....	1, 392	1.41	1, 550	1, 341	.69	1, 521	.78	75	105	347	347	329	318
	Scottish Prince.....	Heref'd-W. Highl'n'd'r .....	1, 293	1.26	1, 595	1, 032	.64	1, 194	.74	61	101	269	259	255	249
Average .....	.....	.....	1, 266	1.43	1, 760	1, 191	.67	1, 365	.77	79	96	315	311	285	279



## WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age 3 and under 4 years—Continued.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight of head...	Weight of feet.....	Weight of paunch.....	Weight of guts.....	Weight of liver.....	Weight of heart .....	Weight of tongue.....	Weight of lungs .....	Weight of trimmings...	Weight of blood .....	Loss of w'ght by shrinkage .....	Weight of unprofitable parts.....	Per ct. unprofitable wt., including shrinkage to gross or live weight ...
J. J. Hill, St. Paul, Minn.....	Prentice .....	Short-Horn .....	35	19	114	42	15	5	11	16½	9	43	60½	308½	.23
Overton Lea, Nashville, Tenn .....	Robertson .....	Sussex .....	43	18	119	44	15	6	10	15	7	43	56	320	.22
T. W. Harvey, Turlington, Neb.....	Sandy.....	Aberdeen-Angus.....	36	21	126	71	17	5	11	25	12	48	36	372	.19
.....	Leopard .....	Angus-Native.....	32	21	134	56	16	5	12	16	11	46	63	349	.24
Thos. Clarke, Beecher, Ill.....	Edward .....	Grade Hereford.....	37	18	103	57	14	5	9	15	7	50	43	325	.24
E. & A. Stanford, Steyning, Eng.....	Speculation .....	Sussex .....	44	20½	128	50	16	5	12	19	11	58	65½	363½	.22
J. B. Sherman, Chicago, Ill.....	Scottish Prince....	Heref'd-W. Highl'n'd'r	41	20	135	47	14	5	11	16	12	43	57	344	.25
Average .....	.....	.....	38	20	122	52	15	5+	11	16	10	47	54	340	.23







## WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age 1 and under 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Average gain per day in lbs. since birth.....	Live weight at slaughter	Weight dressed carcass.	Per cent. net carcass to gross weight.....	Weight carcass, hide and tallow.....	Per ct. profitable weight (carcass, hide, tallow) to gross or live weight.	Tallow.....	Hide .....	Left fore quarter .....	Right fore quarter.....	Left hind quarter.....	Right hind quarter .....
Adams Earl, Lafayette, Ind .....	Earl of Shadeland.	Hereford .....	669	1.77	1,140	722	.63	858	.75	41	95	186	188	173	175
I-S Galloway Cattle Co., Kansas City, Mo. ....	Bonita .....	Galloway-Short-Horn .	621	1.92	1,185	730	.62	856	.72	60	66	181	181	185	183
T. W. Harvey, Turlington, Neb .....	Pistole.....	Angus-Native .....	555	2.40	1,285	834	.65	976	.76	64	78	221	215	203	195
J. R. Peak & Son., Winchester, Ill. .	Baron Von Tromp.	Short-Horn.....	668	1.95	1,240	813	.65	942	.76	50	79	205	207	201	200
G. W. Henry, Ashkum, Ill. ....	Royal's Royalty ...	Hereford .....	679	2.00	1,290	865	.67	1,015	.79	52	98	221	218	213	213
Wyoming Hereford Association, Cheyenne, Wyo .....	Master .....	" .....	727	1.86	1,355	911	.67	1,048	.77	46	91	231	226	227	227
B. Waddel, Marion, Ohio.....	Christmas Gift ....	" .....	684	2.26	1,460	964	.66	1,121	.77	66	91	251	248	231	228
Average .....	.....	.....	657	2.02	1,279	834	.65	974	.76	54	85	214	212	205	203



Age 1 and under 2 years—Continued.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed	Weight of head.....	Weight of feet.....	Weight of paunch.....	Weight of guts .....	Weight of liver.....	Weight of heart .....	Weight of tongue.....	Weight of lungs.....	Weight of trimmings ..	Weight of blood.....	Loss of w't by shrinkage .....	Weight of unprofitable parts .....	Per ct. unprofitable wt., including shrinkage to gross or live weight...
Adams Earl, Lafayette, Ind.....	Earl of Shadeland.	Hereford .....	28	16	101	43	11	4	9	12	6	33	19	203	.25
I-S. Galloway Cattle Co., Kansas City, Mo.....	Bonita.....	Galloway-Short-Horn..	21	12	97	50	12	5	8	12	8	27	77	252	.28
T. W. Harvey, Turlington, Neb.....	Pistole.....	Angus-Native.....	26	17	116	46	10	5	8	14	9	34	24	285	.24
J. R. Peak & Son, Winchester, Ill...	Baron Von Tromp.	Short-Horn.....	26	14	107	41	13	5	7	14	5	36	30	268	.24
G. W. Henry, Ashum, Ill .....	Royal's Royalty ...	Hereford .....	30	17	85	43	12	4	9	12	6	34	23	252	.21
Wyoming Hereford Association, Cheyenne, Wyo .....	Master ..	" .....	30	18	98	43	14	5	10	13	8	26	42	265	.23
B. Waddel, Marion, Ohio.....	Christmas Gift ....	" .....	35	17	125	57	12	4	8	16	7	36	22	317	.23
Average .....	.....	.....	28	16	104	46	12	4.5	8	13	7	32	34	272	.24

## DRESSED CARCASS—SWEEPSTAKES.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.	Average gain per day in lbs. since birth	Live weight at slaughter	Weight dressed carcass	Per cent. net carcass to gross weight	Weight carcass, hide and tallow	Per cent. profitable wt., carcass, hide and tallow, to gr. or live wt..	Tallow	Hide	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
John B. Sherman, Chicago, Ill..... Inter-State Galloway Cattle Co., Kansas City, Mo..... T. W. Harvey, Turlington, Neb.....	Scottish Prince.... Colonel ..... Pistole .....	Heref'd-W. Highl'n'd'r Grade Galloway..... Angus-Native.....	1,293 982 555	1.26 1.91 2.40	1,595 1,810 1,285	1,032 1,191 834	.64 .66 .65	1,194 1,399 976	.74 .77 .76	61 98 64	101 110 78	269 303 221	259 306 215	255 293 203	249 289 195

*Dressed Carcass—Sweepstakes—Continued.*

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight of head	Weight of feet	Weight of paunch	Weight of guts	Weight of liver	Weight of heart	Weight of tongue	Weight of lungs	Weight of trimmings	Weight of blood	Loss of w'ght by shrinkage	Weight of unprofitable parts	Per ct. unprofitable wt., including shrinkage to gross or live weight...
John B. Sherman, Chicago, Ill..... Inter-State Galloway Cattle Co., Kansas City, Mo..... T. W. Harvey, Turlington, Neb.....	Scottish Prince.... Colonel..... Pistole .....	Heref'd-W. Highl'n'd'r Grade Galloway..... Angus-Native.....	41 36 26	20 24 17	135 143 116	47 63 46	14 14 10	5 7 5	11 11 8	16 20 14	12 13 9	43 41 34	57 39 24	344 372 255	.25 .23 .24



No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
94	J. N. Cline, Athens, Ill. ....	949	2,095	2.21	Red Jacket .....	Gr. Short-Horn....
80	Fowler & Van Natta, Fowler, Ind. ....	1,212	2,200	1.81	Ned Price. ....	Gr. Hereford.....
188	H. B. Varnum, Marshalltown, Ia. ....	3,090	2,850	.92	Duke of Iowa . ....	Gr. Short-Horn....
46	T. C. Ponting, Moweaqua, Ill.	329	865	2.63	Samuel Weaver.... Black Prince of Turlington .....	Hereford ..... Angus. ....
58	T.W. Harvey, Turlington, Neb.	1,075	1,995	1.86	Sandy. ....	" .....
56	" "	1,322	2,225	1.68	Pontiff .....	" .....
59	" "	1,002	1,890	1.86	White Cloud.....	Short-Horn.....
190	John B. Sherman, Chicago, Ill.	2,472	2,765	1.12	Allbright. ....	Heref'd-Sh't-Horn .
191	" "	2,055	2,500	1.22	Gem. ....	Gr. Short-Horn....
192	" "	1,999	2,495	1.25	Jumbo .....	Short-Horn-Native
189	Wm. White, Marion, Ind .....	.....	3,185	.....	.....	.....
	Average .....	.....	2,270	.....	.....	.....

Illinois State Board of Agriculture.....	\$75 00
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Illinois State Board of Agriculture.....	50 00
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Illinois State Board of Agriculture.....	25 00
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Steer or Spayed Cow showing the greatest average gain per day, including weight at birth, 3 and under 4 years.

70	Adams Earl, Lafayette, Ind....	1,303	2,160	1.66	Sir Bartle 3d .....	Gr. Hereford .....
71	" " " " " "	1,265	2,090	1.65	Sir Bartle 5th.....	" " .....
72	J N. Cline, Athens, Ill.....	1,200	2,030	1.69	Roan Dick.....	Gr. Short-Horn....
79	W. H. Renick, Clintonville, Ky	1,184	2,000	1.69	Wild Bill.....	" " .....
80	Fowler & Van Natta, Fowler, Ind. ....	1,212	2,200	1.81	Ned Price. ....	Gr. Hereford .....
84	J. R. Peak & Son, Winchester, Ill. ....	1,252	1,975	1.58	Grover .....	Gr. Short-Horn....
56	T.W. Harvey, Turlington, Neb.	1,322	2,225	1.68	Sandy. ....	Aberdeen-Angus ..
85	" " " " " "	1,178	1,760	1.49	Leopold. ....	" " .....
91	Thos. Clark, Beecher, Ill.....	1,138	1,620	1.42	Edward.....	Gr. Hereford.....
81	D. M. Moninger, Galvin, Ia ...	1,406	2,370	1.69	Stevens.....	Gr. Short-Horn....
Average. ....		1,246	2,043	1.64		

Illinois State Board of Agriculture.....	\$50 00
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Illinois State Board of Agriculture.....	25 00
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## Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
93	Adams Earl, Lafayette, Ind...	1,059	1,925	1.52	Sir Bartle 6th .....	Gr. Hereford .....
94	J. N. Cline, Athens, Ill .....	949	2,095	2.21	Red Jacket.....	Gr. Short-Horn....
97	Geo. Leigh & Co., Aurora, Ill.	738	1,430	1.93	Ruby .....	Gr. Hereford .....
51	Wm. Younger, Fairbury, Ill ..	1,008	1,485	1.47	Choice .....	Devon .....
99	J. J. Hill, St. Paul, Minn .....	989	1,890	1.91	Curry .....	Angus-Short-Horn.
100	J. A. Funkhouser, Plattsburg, Mo.....	1,001	1,900	1.90	Cupid .....	Gr. Hereford .....
37	Fowler & Van Natta, Fowler, Ind.....	951	1,555	1.63	Donald .....	Hereford .....
104	Fowler & Van Natta, Fowler, Ind.....	1,001	1,740	1.74	Anxiety .....	Gr. Hereford .....
105	B. S. Eldridge, Galva, Ill.....	922	1,935	2.10	Dick .....	Gr. Short-Horn....
106	B. Waddel, Marion, O.....	918	1,885	2.05	Dock .....	“ .....
5	J. H. Potts & Son, Jackson- ville, Ill.....	847	1,595	1.88	Charley .....	Short-Horn.....
6	J. H. Potts & Son, Jackson- ville, Ill.....	957	1,620	1.69	Rochester .....	“ .....
7	J. H. Potts & Son, Jackson- ville, Ill.....	911	1,540	1.69	Red Prince.....	“ .....
115	J. R. Peak & Son, Winchester, Ill.....	875	1,730	1.98	Frank .....	Gr. Short-Horn....
57	Anderson & Findlay, Lake Forest, Ill.....	1,093	1,610	1.47	Wilfried.. .....	Ab.-Angus.....
11	J. W. Pickett, Plattsburg, Mo.	937	1,755	1.87	Experiment .....	Short-Horn.....
120	Int.-State Galloway Cattle Co., Kansas City, Mo.....	982	1,875	1.91	Colonel.....	Gr. Galloway.....
121	Int.-State Galloway Cattle Co., Kansas City, Mo.....	952	1,750	1.84	General .....	“ .....
58	T. W. Harvey, Turlington, Neb	1,075	1,995	1.86	Black Prince of Turlington .....	Ab.-Angus.....
59	“ .....	1,002	1,800	1.80	Pontiff .....	“ .....
13	Wm. Moffatt & Bro., Paw Paw, Ill.....	879	1,745	1.98	Sir Knight.....	Short-Horn.....
14	Wm. Moffatt & Bro., Paw Paw, Ill.....	774	1,705	2.20	Cruickshank 2d...	“ .....
122	W. S. White, Sabetha, Kas....	893	1,620	1.81	Roan Commander.	Gr. Short-Horn....
Average .....		944	1,755	1.85		

First premium to steer Red Jacket, exhibited by J. N. Cline, Athens, Ill.—

Illinois State Board of Agriculture..... \$50 00

Second premium to steer Cruickshank 2d, exhibited by Wm. Moffatt &amp; Bro., Paw Paw, Ill.—

Illinois State Board of Agriculture..... \$25 00

American Short-Horn Association..... 25 00

Total ..... 50 00



No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
38	Adams Earl, Lafayette, Ind....	669	1,185	1.77	Earl of Shadeland.	Hereford .....
150	" " " " " "	630	1,350	2.14	Exeter .....	Gr. Hereford .....
16	E. T. Doney, Jackson, Mich..	706	1,400	1.98	Ben .....	Short-Horn.....
17	F. W. Green, Olivet, Mich.....	706	1,400	1.98	Luce .....	" .....
131	Geo. Leigh & Co., Aurora, Ill.	603	1,475	2.45	Pearl .....	Hereford-Native...
60	J. J. Hill, St. Paul, Minn.....	692	1,440	2.08	Monroe.....	Angus .....
18	" " " " " "	653	1,385	2.12	Goldfinder.....	Short-Horn.....
154	J.A.Funkhouser, Plattsburg, Mo	642	1,405	2.19	Defiance.....	Gr. Hereford .....
155	" " " " " "	848	1,370	2.11	Portrait.....	" .....
158	Fowler & Van Natta, Fowler, Ind .....	708	1,480	2.10	Sam Jones.....	" .....
21	C. C. Blish & Son, Kewanee, Ill.....	684	1,470	2.15	Harry .....	Short-Horn.....
159	S S. Brown's Sons, Galena, Ill	389	1,170	3.00	Dr. Tanner ....	Gr. Short-Horn....
160	J. S. Smith & Co., Bates, Ill ..	446	1,050	2.35	Bates .....	Angus-Short-Hon.
161	" " " " " "	553	1,205	2.18	Sangamon .....	" .....
162	" " " " " "	438	1,160	2.65	Berlin .....	" .....
163	" " " " " "	496	1,060	2.14	Springfield .....	" .....
164	" " " " " "	476	1,120	2.35	Illinois.....	Gr. Angus .....
165	" " " " " "	423	1,005	2.37	Richland .....	Angus-Short-Horn.
166	" " " " " "	427	930	2.18	Alexander .....	" .....
167	" " " " " "	431	1,165	2.70	Sucker.....	" .....
168	" " " " " "	568	1,130	1.99	Sidney .....	" .....
130	" " " " " "	576	1,300	2.26	Johnston.....	Gr. Angus.....
133	J. H. Potts & Son, Jackson- ville, Ill .....	614	1,375	2.24	Red Duke.....	Gr. Short-Horn....
25	J. H. Potts & Son, Jackson- ville, Ill.....	377	965	2.56	Roan Gauntlet ...	Short-Horn.....
29	J. W. Pickett, Plattsburg, Mo.	627	1,615	2.57	Baby Mine .....	" .....
62	Estill Bros., Estill, Mo .....	494	1,250	2.53	Dot .....	Aberdeen-Angus...
139	Inter-State Gall. Cattle Co., Kansas City, Mo.....	621	1,190	1.92	Bonita.....	Gall.-Short-Horn..
140	Geo. F. Davis & Co., Dyer, Ind.	529	1,390	2.63	Butterfly .....	Short-Horn-Native.
68	Overton Lea, Nashville, Tenn.	702	1,270	1.80	Rover.....	Sussex .....
141	" " " " " "	415	1,010	2.43	Willis.....	Gr. Sussex .....
142	" " " " " "	373	995	2.66	Stephen .....	" .....
22	B. Waddel, Marion, O. ....	684	1,455	2.13	Buck.....	Short-Horn.....
41	" " " " " "	684	1,545	2.26	Christmas Gift ...	Hereford .....
30	Wm. Moffatt & Bro., Paw Paw, Ill.....	689	1,685	2.44	Cruickshank.....	Short-Horn.....
151	G. W. Henry, Ashkum, Ill.....	686	1,605	2.34	Roselands, im- provement.....	Gr. Hereford .....
23	B. Waddel, Marion, O. ....	425	1,255	2.94	Billy.....	Short-Horn.....
	Average .....	569	1,287	2.29		

First premium to steer Dr. Tanner, exhibited by S. S. Brown's Sons, Galena, Ill.—

Illinois State Board of Agriculture.....	\$50 00
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Second premium to steer Billy, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture .....	\$25 00
American Short-Horn Association .....	25 00

Total .....	\$50 00
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Steer or spayed Heifer 6 and under 12 months.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
169	Adams Earl, Lafayette, Ind..	284	685	2.41	Ensign .....	Grade Hereford....
170	Geo. Elliott, Harristown, Ill.	283	620	2.19	Elder.....	" .....
32	Geo. Elliott, Harristown, Ill.	352	825	2.34	Girdle.....	Short-Horn.....
171	J. A. Funkhouser, Plattsburg, Mo .....	316	930	2.94	Granite.....	" .....
172	J. A. Funkhouser, Plattsburg, Mo.....	298	925	3.10	Lithograph.....	" .....
44	Fowler & Van Natta, Fowler, Ind.....	331	845	2.55	Punch ! .....	Hereford .....
173	Fowler & Van Natta, Fowler, Ind.....	335	885	2.64	Samson.....	Grade Hereford...
33	C. C. Blish & Son, Kewanee, Ill.....	353	1,035	2.93	Mark .....	Short-Horn.....
175	J. R. Peak & Son, Winchester, Ill. ....	351	950	2.71	Pioneer.....	Gr. Short-Horn....
46	T. C. Ponting, Moweaqua, Ill.	329	865	2.63	Samuel Weaver....	Hereford .....
	Geo. F. Davis & Co., Dyer, Ind	187	575	3.08	Rogers.....	Jersey—Native....
34	B. Waddel, Marion, Ohio ...	192	690	3.59	Ohio Bell.....	Short-Horn.....
	S. H. Todd, Wakeman, Ohio..	253	750	2.96	Cyclone .....	Grade Hereford....
178	Wm. Moffatt & Bro., Paw Paw, Ill.....	225	750	3.33	Latest Style.....	Gr. Short-Horn....
	Average .....	292	809	2.81		

First premium to steer Ohio Bell, exhibited by B. Waddel, Marion, Ohio.—

Illinois State Board of Agriculture.....	\$50 00
American Short-Horn Association.....	50 00
Total .....	\$100 00

Second premium to steer Latest Style, exhibited by Wm. Moffatt &amp; Bro., Paw Paw, Ill.—

Illinois State Board of Agriculture.....	\$25 00
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## LOT 18—COST OF PRODUCTION.

Steer or spayed Cow 3 and under 4 years.

182	J. S. Smith & Co., Alzada, Mont .....	1,230		Montana.....	Range Cattle.....
183	J. S. Smith & Co., Alzada, Mont .....	1,470		Sturgis .....	" .....
87	I. H. Norris & Son, LaMollie, Ill.....	1,213	1,870	1.54 John.....	Galloway—Native..
	Average .....		1,520		

First premium to steer Sturgis, exhibited by J. S. Smith &amp; Co., Alzada, Mont.—

Illinois State Board of Agriculture.....	\$65
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Second premium to steer Montana, exhibited by J. S. Smith &amp; Co., Alzada, Mont.—

Illinois State Board of Agriculture.....	\$35 00
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## Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.	Breed.
184	J. S. Smith & Co., Alzada, Mont .....		980 .....		Custer .....	Range Cattle .....
128	J. R. Price & Son, Williams-ville, Ill. ....	938	1,740	1.85	Armour .....	Gr. Hereford .....
129	J. R. Price & Son, Williams-ville, Ill. ....	923	1,655	1.80	Arthur .....	" .....
5	B. Waddel, Marion, Ohio .....	847	1,595	1.88	Charley .....	Short-Horn .....
94	J. N. Cline, Athens, Ill. ....	949	2,095	2.21	Red Jacket .....	Gr. Short-Horn .....
	Average .....		1,613			

First premium to steer Custer, exhibited by J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture .....

\$65 00

Second premium to steer Arthur, exhibited by J. R. Price & Son, Williamsville, Ill.—

Illinois State Board of Agriculture .....

35 00

## Steer or Spayed Heifer 1 and under 2 years.

....	J. R. Price & Son, Williams-ville, Ill. ....	521	1,295	2.29	Banana .....	Gr. Hereford .....
....	B. Waddel, Marion, Ohio .....	684	1,455	2.13	Buck .....	Short-Horn .....
....	.....	425	1,255	2.95	Billy .....	" .....
	Average .....	543	1,335	2.45		

First premium to steer Billy, exhibited by B. Waddel, Marion, Ohio—

Illinois State Board of Agriculture .....

\$65 00

American Short-Horn Association .....

65 00

Total .....

\$130 00

Second premium to steer Banana, exhibited by J. R. Price & Son, Williamsville, Ill.—

Illinois State Board of Agriculture .....

35 00

## Steer or Spayed Heifer under 1 year.

186	J. S. Smith & Co., Alzada, Mont .....		555 .....		Keogh .....	Range Cattle .....
180	J. R. Price & Son, Williams-ville, Ill. ....	310	910	2.93	Cullom .....	Gr. Hereford .....
34	B. Waddel, Marion, Ohio .....	192	690	3.59	Ohio Belle .....	Short-Horn .....
	Average .....		718			

First premium to steer Keogh, exhibited by J. S. Smith & Co., Alzada, Mont.—

Illinois State Board of Agriculture .....

\$65 00

Second premium to steer Cullom, exhibited by J. R. Price & Son, Williamsville, Ill.—

Illinois State Board of Agriculture .....

35 00

## LOT 18—COST OF PRODUCTION.

### REPORT OF COMMITTEE.

*To the State Board of Agriculture:*

Your committee to whom was assigned the duty of awarding the premiums in the cost of production rings, beg leave to report entries as follows:

#### *Steer or Spayed Cow 3 and under 4 years.*

- J. S. Smith & Co., Alzada, Mont.; range steer, *Montana*, calved spring 1884.  
 J. S. Smith & Co., Alzada, Mont.; range steer, *Sturgis*, calved December, 1883.  
 I. H. Norris & Son, LaMoille, Ill.; grade Galloway steer, *John*, calved July 15, 1884.

#### *Steer or Spayed Heifer 2 and under 3 years.*

- J. S. Smith & Co., Alzada, Mont.; range steer, *Custer*, calved spring 1885.  
 J. R. Price & Son, Williamsville, Ill.; grade Hereford steer, *Armour*, calved April 15, 1885.  
 J. R. Price & Son, Williamsville, Ill.; grade Hereford steer, *Arthur*, calved April 30, 1885.  
 B. Waddel, Marion, O.; Short-Horn steer, *Charlie*, calved July 15, 1885.  
 J. N. Cline, Athens, Ill.; grade Short-Horn steer, *Red Jacket*, calved April 4, 1885.

#### *Steer or Spayed Heifer 1 and under 2 years.*

- J. R. Price & Son, Williamsville, Ill.; grade Hereford steer, *Banana*, calved June 6, 1886.  
 B. Waddel, Marion, O.; Short-Horn steer, *Buck*, calved December 25, 1885.  
 B. Waddei, Marion, O.; Short-Horn steer, *Billy*, calved September 10, 1886.

#### *Steer or Spayed Heifer under 1 year old.*

- J. S. Smith & Co., Alzada, Mont.; range steer, *Keogh*, calved spring 1887.  
 J. R. Price & Son, Williamsville, Ill.; grade Hereford steer, *Cullom*, calved January 3, 1887.  
 B. Waddel, Marion, O.; Short-Horn steer, *Ohio Bell*, calved May 1, 1887.

In order that the results might be determined solely upon the quantities of the various kinds of cattle-food used, as well as the skill of the feeder, the price of each article of food named in the statements was determined upon an equitable and uniform basis to all the competitors, as follows:

Value of calf at birth.....	\$5 00
Value of milk per gallon.....	04
Value of shelled corn per 100 lbs.....	71
Value of corn in ear per 100 lbs.....	53
Value of soft corn per 100 lbs.....	50
Value of oats per 100 lbs.....	75
Value of corn-meal per 100 lb.....	80
Value of corn and oats per 100 lbs.....	80
Value of shorts per 100 lbs.....	70
Value of bran per 100 lbs.....	60
Value of oil meal per 100 lbs.....	1 25
Value of oil cake per 100 lbs.....	1 25
Value of hay per 100 lbs.....	30
Value of pasturage per month, up to 12 months.....	75
Value of pasturage per month, 12 to 24 months.....	1 00
Value of pasturage per month, 24 to 36 months.....	1 25
Expense for care, feeding, salting and interest up to 12 months.....	4 00
Expense for care, feeding, salting and interest, 12 to 24 months.....	6 00
Expense for care, feeding, salting and interest, 24 to 36 months.....	9 00

The great diversity of articles of food consumed by the competing animals, as well as the methods of handling stock, makes it somewhat difficult to determine upon the comparative value of some of the articles of food named for the most rapid production of beef, the quality of which can not be satisfactorily determined until the carcasses are displayed upon the block. The price of grain, etc.,



named above, are not the present market price, but a fair average for a term of three years. It will be seen that the value of a calf at birth, pasturage consumed and expense for care, etc., are the same with each exhibitor.

The quantities of food consumed each year by each animal, and the value thereof as fixed by your committee, are herewith given as follows:

*Montana*.—Date of birth, spring, 1884. From birth to twelve months of age. Value at birth, \$5.00; expense for care, feeding, etc., \$4.00; weight at twelve months of age, 650 pounds, at a cost of \$9.00, or 1.385 cents per pound.

From twelve to twenty-four months of age. Expense for care, etc., \$6.00; weight at twenty-four months of age, 900 pounds, at a cost of \$15.00, or 1.667 cents per pound.

From twenty-four to thirty-six months of age. Expense for care, etc., \$9.00; weight at thirty-six months of age, 1,100 pounds, at a cost of \$24.00, or 2.182 cents per pound.

From thirty-six months of age to November 8, 1887. 100 pounds of hay at 30 cents per 100, 30 cents; expense for care, feeding, etc., \$4.50; weight November 8, 1887, 1,220 pounds, at a cost of \$28.80, or 2.361 cents per pound.

*Sturgis*.—Date of birth, December, 1883. From birth to twelve months of age. Value at birth, \$5.00; expense for care, feeding, etc., \$4.00; weight at twelve months of age, 650 pounds, at a cost of \$9.00, or 1.385 cents per pound.

From twelve to twenty-four months of age. Expense for care, feeding, salting, etc., \$6.00; weight at twenty-four months of age, 950 pounds, at a cost of \$15.00, or 1.579 cents per pound.

From twenty-four to thirty-six months of age. Expense for care, feeding, etc., \$9.00; weight at thirty-six months of age, 1,225 pounds, at a cost of \$24.00, or 1.959 cents per pound.

From thirty-six months of age to November 8, 1887. 100 pounds of hay, at 30 cents per 100, 30 cents; expense for care, etc., \$8.25; weight November 8, 1887, 1,470 pounds, at a cost of \$32.55, or 2.214 cents per pound.

*John*.—Date of birth, July 15, 1884. From birth to twelve months of age. Value at birth, \$5.00; 540 gallons of milk consumed at 4 cents per gallon, \$21.60; 20 bushels oats at 75 cents per 100, \$4.80; 1,000 pounds hay at 30 cents per 100, \$3.00; pasturage, \$5.25; expense for care, etc., \$4.00; weight at twelve months of age, 800 pounds, at a cost of \$43.65, or 5.456 cents per pound.

From twelve months of age to twenty-four months. 1,500 pounds corn at 71 cents per 100, \$10.65; 3,650 pounds hay at 30 cents per 100, \$10.95; pasturage, 7½ months at \$1.00 per month, \$7.50; expense for food, salting, care, etc., \$6.00; weight at twenty-four months of age, 1,000 pounds, at a cost of \$78.75, or 7.875 cents per pound.

From twenty-four to thirty-six months of age. 630 pounds corn at 71 cents per 100, \$4.47; 3,000 pounds hay at 30 cents per 100, \$9.00; pasturage, \$9.37; expense for care, etc., \$9.00; weight at thirty-six months of age, 1,700 pounds, at a cost of \$110.59, or 6.505 cents per pound.

From thirty-six months of age to November 8, 1887. 1,260 pounds corn at 71 cents per 100, \$8.95; 240 pounds oil cake at \$1.25, \$3.00; pasturage, \$4.69; expense for care, etc., \$3.00; weight November 8, 1887, 1,450 pounds, at a cost of \$130.23, or 8.981 cents per pound.

*Custer*.—Date of birth, spring, 1885. From birth to twelve months of age. Value at birth, \$5.00; expense for care, feeding, etc., \$4.00; weight at twelve months of age, 650 pounds, at a cost of \$9.00, or 1.385 cents per pound.

From twelve months of age to twenty-four months. Expense for care, feeding, etc., \$6.00; weight at twenty-four months of age, 800 pounds, at a cost of \$15.00, or 1.875 cents per pound.

From twenty-four months of age to November 8, 1887. 100 pounds hay at 30 cents per 100, 30 cents; expense for care, feeding, etc., \$4.50; weight November 8, 1887, 980 pounds, at a cost of \$19.80, or 2.020 cents per pound.

*Armour*.—Date of birth, April 15, 1885. Value at birth, \$5.00. 180 gallons milk at 4 cents per gallon, \$7.20; 1,120 pounds corn at 71 cents per 100, \$7.95; 2,000 pounds clover hay at 30 cents per 100, \$6.00; expense for care, etc., \$4.00; weight at twelve months of age, 700 pounds at a cost of \$30.15, or 4.307 cents per pound.

From twelve to twenty-four months of age. 1,000 pounds clover hay at 30 cents per 100, \$3.00; pasturage, \$6.50; cornstalks, \$4.00; expense for care, etc., \$6.00; weight at twenty-four months of age, 1,200 pounds, at a cost of \$49.65, or 4.137 cents per pound.

From twenty-four months of age to November 8, 1887. 1,050 pounds of corn at 71 cents per 100, \$7.45; 2,145 pounds corn meal at 80 cents per 100, \$17.16; 600 pounds clover hay at 30 cents per 100, \$1.80; pasturage, \$2.50; 100 pounds oil cake at \$1.25 per 100, \$1.25; expense for care, etc., \$5.00; weight November 8, 1887, 1,740 pounds, at a cost of \$84.81, or 4.874 cents per pound.

*Arthur*.—Date of birth, April 30, 1885. From birth to twelve months of age. Value at birth, \$5.00; 165 gallons milk at 4 cents per gallon, \$6.60; 1,120 pounds corn at 71 cents per 100, \$7.95; 2,000 pounds clover hay at 30 cents per 100, \$6.00; expense for care, etc., \$4.00; weight at twelve months of age, 700 pounds, at a cost of \$29.55, or 4.221 cents per pound.

From twelve to twenty-four months of age. 1,000 pounds clover hay at 30 cents per 100, \$3.00; pasturage, \$6.00; cornstalks, \$4.00; expense for care, etc., \$6.00; weight, at twelve months of age, 1,200 pounds, at a cost of \$48.55, or 4.046 cents per pound.

From twenty-four months of age to November 8, 1887. 1,050 pounds of corn, at 71 cents per 100, \$7.45; 1,716 pounds corn meal at 80 cents per 100, \$13.73; 600 pounds clover hay at 30 cents per 100, \$1.80; pasturage, \$2.50; expense for care, etc., \$4.50; weight November 8, 1887, 1,655 pounds, at a total cost of \$78.53, or 4.745 cents per pound.



*Charley*.—Date of birth, July 15, 1885. From birth to twelve months of age. Value at birth, \$5.00; 180 gallons of milk at 4 cents per gallon, \$7.20; 720 pounds oats at 75 cents per 100, \$5.40; 1,000 pounds clover hay at 30 cents per 100, \$3.00; pasturage, \$6.00; expense for care, etc., \$1.00; weight at twelve months of age, 1,000 pounds, at a cost of \$30.60, or 3.060 cents per pound.

From twelve to twenty-four months of age. 540 pounds oats at 75 cents per 100, \$4.05; 1,500 pounds corn in the ear at 53 cents per 100, \$7.95; 2,500 pounds clover hay at 30 cents per 100, \$7.50; 300 pounds bran at 60 cents per 100, \$1.80; pasturage, \$3.00; expense for care, etc., \$6.00; weight at twenty-four months of age, 1,450 pounds, at a cost of \$65.90, or 4.545 cents per pound.

From twenty-four months of age to November 8, 1887. 1,200 pounds corn in the ear at 53 cents per 100, \$6.36; 500 pounds bran at 60 cents per 100, \$3.00; pasturage, \$4.40; expense for care, etc., \$2.62; weight, November 8, 1887, 1,595 pounds, at a cost of \$82.28, or 5.159 cents per pound.

*Red Jacket*.—Date of birth April 4, 1885. From birth to twelve months of age. Value at birth, \$5.00; 200 gallons milk, at 4 cents per gallon, \$8.00; 630 pounds corn at 71 cents per 100, \$4.47; 130 pounds oats at 75 cents per 100, 97 cents; 350 pounds hay at 30 cents per 100, \$1.05; expense for care, etc., \$4.00; weight at twelve months of age, 970 pounds, at a cost of \$23.49 or 2.422 cents per pound.

From twelve to twenty-four months of age. 3,360 pounds corn at 71 cents per 100, \$23.86; 960 pounds oats, at 75 cents per 100, \$7.20; 1,000 pounds clover hay at 30 cents per 100, \$3.00; pasturage, \$7.00; expense for care, etc., \$6.00; weight at twenty-four months of age, 1,800 pounds, at a cost of \$70.55, or 3.919 cents per pound.

From twenty-four months of age to November 8, 1887. 3,696 pounds corn at 71 cents per 100, \$26.24; 1,088 pounds oats, at 75 cents per 100, \$8.16; 200 pounds clover hay, at 30 cents per 100, 60 cents; 300 pounds fodder, at 20 cents per 100, 60 cents; pasturage, \$7.50; expense for care, etc., \$5.25; weight November 8, 1887, 2,095 pounds, at a cost of \$119.01, or 5.675 cents per pound.

*Banana*.—Date of birth, June 6, 1886. From birth to twelve months of age. Value at birth, \$5.00; 180 gallons milk at 4 cents per gallon, \$7.20; 560 pounds oats, at 75 cents per 100, \$4.10; 1,200 pounds hay, at 30 cents per 100, \$3.60; expense for care, feeding, etc., \$4.00; weight at twelve months of age, 700 pounds, at a cost of \$24.00, or 3.428 cents per pound.

From twelve months of age to November 8, 1887. 1,824 pounds corn meal, at 80 cents per 100, \$14.59; 450 pounds hay, at 30 cents per 100, \$1.35; expense for care, etc., \$2.50; weight November 8, 1887, 1,295 pounds, at a cost of \$42.44, or 3.277 cents per pound.

*Buck*.—Date of birth, December 25, 1885. From birth to twelve months of age. Value at birth, \$5.00; 180 gallons milk, at 4 cents per gallon, \$7.20; 540 pounds oats, at 75 cents per 100, \$4.05; 400 pounds shorts, at 70 cents per 100, \$2.80; pasturage, \$9.00; expense for care, etc., \$4.00; weight at twelve months of age, 1,000 pounds, at a cost of \$32.05, or 3.205 cents per pound.

From twelve months of age to November 8, 1887. 2,500 pounds corn in the ear, at 53 cents per 100, \$13.25; 500 pounds bran, at 60 cents per 100, \$3.00; 2,500 pounds hay, at 30 cents per 100, \$7.50; pasturage, \$6.00; expense for care, etc., \$5.25; weight November 8, 1887, 1,455 pounds, at a cost of \$67.05, or 4.608 cents per pound.

*Billy*.—Date of birth, September 10, 1886. From birth to twelve months of age. Value at birth, \$5.00; 180 gallons milk, at 4 cents per gallon, \$7.20; 720 pounds shorts, at 60 cents per 100, \$4.32; 400 pounds corn in the ear, at 53 cents per 100, \$2.12; 1,000 pounds clover hay, at 30 cents per 100, \$3.00; pasturage, \$3.00; expense for care, etc., \$4.00; weight at twelve months of age, 1,100 pounds, at a cost of \$28.64, or 2.604 cents per pound.

From twelve months of age to November 8, 1887. 500 pounds of corn in the ear, at 53 cents per 100, \$2.65; 300 pounds shorts, at 60 cents per 100, \$1.80; pasturage, \$2.00; expense for care, etc., \$1.00; weight November 8, 1887, 1,255 pounds, at a cost of \$36.09, or 2.876 cents per pound.

*Keogh*.—Date of birth, spring, 1887. From birth to twelve months of age. Value at birth, \$5.00; 50 pounds hay, at 30 cents per 100, 15 cents; expense for care, etc., \$2.00; weight November 8, 1887, 555 pounds, at a cost of \$7.15, or 1.288 cents per pound.

*Cullom*.—Date of birth, January 3, 1887. From birth to November 8, 1887. Value at birth, \$5.00; 180 gallons of milk at 4 cents per gallon, \$7.20; 1,050 pounds corn-meal at 80 cents per 100, \$8.40; 300 pounds hay at 30 cents per 100, 90 cents; expense for care, feeding, etc., \$3.33; weight November 8, 1887, 910 pounds, at a cost of \$24.83, or 2.728 cents per pound.

*Ohio Bell*.—Date of birth, May 1, 1887. From birth to November 8, 1887. Value at birth, \$5.00; 225 gallons milk at 4 cents per gallon, \$9.00; 600 pounds shorts at 70 cents per 100, \$4.20; pasturage, \$2.25; expense for care, etc., \$2.00; weight November 8, 1887, 690 pounds, at a cost of \$22.45, or 3.254 cents per pound.

The premiums were awarded as follows:

Steer or spayed cow 3 and under 4 years: First to J. S. Smith & Co., Alzada, Mont., on range steer Sturgis; weight, 1,470 pounds; total cost of production, \$32.55, or 2.214 cents per pound. Second to J. S. Smith & Co., Alzada, Mont., on range steer Montana; weight 1,220 pounds; total cost of production, \$28.80, or 2.361 cents per pound.

Steer or spayed heifer 2 and under 3 years: First to J. S. Smith & Co., Alzada, Mont., on range steer Custer; weight, 980 pounds; total cost of production, \$19.80, or 2.020 cents per pound. Second to J. R. Price & Son, Williamsville, Ill., on grade Hereford steer Arthur; weight, 1,655 pounds; total cost of production, \$78.53, or 4.745 cents per pound.

Steer or spayed heifer 1 and under 2 years: First to B. Waddel, Marion, O., on Short-Horn steer Billy; weight, 1,255 pounds; total cost of production \$36.09, or 2.876 cents per pound. Second to J. R. Price & Son, Williamsville, Ill., on grade Hereford steer Banana; weight, 1,295 pounds; total cost of production \$42.44, or 3.277 cents per pound.

Steer or spayed heifer under 1 year: First to J. S. Smith & Co., Alzada, Mont., on range steer Keogh; weight, 555 pounds; total cost of production \$7.15, or 1.288 cents per pound. Second to J. R. Price & Son, Williamsville, Ill., on grade Hereford steer Cullom; weight, 910 pounds; total cost of production \$24.83, or 2.728 cents per pound.



The committee would recommend that greater care be given by exhibitors in their statements as to quantity of each article of food consumed, exact time that animals were on pasture or stockfields, and details of expenses for care, etc., to enable the committee to make careful comparison of the various methods of feeding, and the effect of the same upon the animals. The committee would call attention to one of the lessons to be learned in the statistics presented herewith, and forming a part of the report. If feeders desire to keep their cattle for feeding beyond two years, the most profitable results have been obtained where the animals have been liberally fed the first year on a coarse diet that will develop bone and muscle upon which to build the matured carcass. The most economical production of beef does not always result from strong feeding of grain or concentrated food during the first twelve months of age of the steer. The committee cannot too strongly urge upon the feeders the importance of liberal feeding from birth of calf, and giving more attention to the important matter of early maturity. The figures clearly demonstrate that the greatest profit results to the feeder in marketing cattle at an early age, not exceeding twenty-four months.

(Signed)

LAFAYETTE FUNK,  
SIMON ELLIOTT,

*Committee.*

Steer or Spayed Heifer Under 12 Months Old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value at birth.....	Value milk.....	Value grain .....	Value hay and forage.	Value pasture .....	Value other food consumed. ....	Expense for care, etc.	Total cost .....	Weight Nov. 8, 1887...	Value Nov. 8, 1887, at 6 cents per lb.....	Cost of production per 100 pounds. ....
J. S. Smith & Co., Alzada, Mont.....	Range Cattle .....	Keogh. ....	.....	\$5 00	.....	.....	\$0 15	.....	.....	\$2 00	\$7 15	555	\$33 30	\$1. 288
J. R. Price & Son., Williamsville, Ill.....	Grade Hereford ...	Cullom .....	Jan. 3, 1887	5 00	\$7 20	\$8 40	90	.....	.....	3 33	24 83	918	55 08	2. 726
B. Waddel, Marion, Ohio .....	Short-Horn.....	Ohio Belle....	May 1, 1887	5 00	9 00	.....	.....	\$2 25	\$4 20	2 00	22 45	690	41 40	3. 254
Average.....	.....	.....	.....	\$5 00	\$8 10	\$8 40	\$0 57	\$2 25	\$4 20	\$2 44	\$18 14	721	\$43 26	\$2. 423



Steer or Spayed Heifer 1 to 12 Months Old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value at birth .....	Value milk.....	Value grain .....	Value hay and forage.	Value pasture .....	Value other food consumed .....	Expense for care, etc.	Total cost .....	Weight at 12 months..	Value Nov. 8, 1887, at 6 cents per lb. ....	Cost of production per 100 pounds .....
J. R. Price & Son, Williamsville, Ill .....	Grade Hereford .....	Banana.....	June 6, 1886	\$5 00	\$7 20	\$4 20	\$3 60	\$9 00	..80	\$4 00	\$24 00	700	\$42 00	\$3.428
B. Waddel, Marion, Ohio .....	Short-Horn.....	Buck .....	Dec. 25, 1885	5 00	7 20	4 05	..	..	\$2 80	4 00	32 05	1,000	60 00	3.205
J. S. Smith & Co., Alzada, Mont .....	Range Cattle .....	Billy .....	Sept. 10, 1886	5 00	7 20	2 02	3 00	3 00	4 32	4 00	28 64	1,100	66 00	2.604
J. R. Price & Son, Williamsville, Ill. ....	Grade Hereford. ..	Custer.....	Spring of 1885	5 00	..	..	..	..	..	4 00	9 00	650	39 00	1.385
B. Waddel, Marion, Ohio .....	Short-Horn.....	Armour. ....	Apr. 15, 1885	5 00	7 20	7 95	6 00	..	..	4 00	30 15	700	42 00	4.307
J. N. Cline, Athens, Ill .....	Grade Short-Horn.	Arthur .....	Apr. 20, 1885	5 00	6 60	7 95	6 00	..	..	4 00	28 55	700	42 00	4.221
J. S. Smith & Co., Alzada, Mont. ....	Range Cattle .....	Charley .....	July 15, 1885	5 00	7 20	5 40	3 00	6 00	..	4 00	30 60	1,000	60 00	3.060
I. H. Norris & Son, La Moille, Ill .....	Range Cattle .....	Red Jacket ..	Apr 4, 1885	5 00	8 00	5 44	1 05	..	..	4 00	23 49	970	58 20	2.422
Average .....	Galloway-Native ..	Montana.....	Spring of 1884	5 00	..	..	..	..	..	4 00	9 00	650	39 00	1.385
		Sturgis .....	Dec. —, 1883	5 00	..	..	..	..	..	4 00	9 00	650	39 00	1.385
		John .....	July 15, 1884	5 00	21 60	4 80	3 00	5 25	..	4 00	43 65	800	48 00	5.456
			.....	\$5 00	\$9 02	\$5 23	\$3 66	\$5 81	\$3 56	\$4 00	\$24 47	811	\$48 65	\$2.996

Steer or Spayed Heifer 12 to 24 Months Old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value grain.....	Value hay and forage.	Value pasture .....	Expense for care, etc.	Total cost of production.....	Weight at 24 months.	Value at 24 months at 6 cts per pound .....	Cost of production per 100 lbs. in gain made from 12 to 24 months.	Gain 12 to 24 months.	Increase or decrease in gain, 1st 12 months over 2d 12 months...
J. S. Smith, Alzada, Mont.	Range.....	Custer.....	Spring 1885	.....	.....	.....	\$6 00	\$15 00	800	\$48 00	\$1,875	150	+500
J. R. Price & Son, Williamsville, Ill.	Grade Hereford....	Armour.....	April 15, 1885	\$4 00	\$3 00	\$6 50	6 00	49 65	1,200	72 00	4,137	500	+200
B. Waddel, Marion, O.	Short-Horn.....	Arthur.....	April 30, 1885	4 00	3 00	6 00	6 00	48 55	1,200	72 00	4,046	500	+200
J. N. Cline, Athens, Ill.	.....	Charley.....	July 15, 1885	13 80	7 50	8 00	6 00	65 90	1,450	87 00	4,545	450	+550
J. S. Smith & Co., Alzada, Mont.	Grade Short-Horn.	Red Jacket....	April 4, 1885	31 06	3 00	7 00	6 00	70 55	1,800	108 00	3,919	830	+70
J. S. Smith & Co., Alzada, Mont.	Range .....	Montana.....	Spring 1884	.....	.....	.....	6 00	15 00	900	54 00	1,667	250	+400
I. H. Norris & Son, LaMoille, Ill.	.....	Sturgis.....	Decemb'r 1884	.....	.....	.....	6 00	15 00	950	57 00	1,579	300	+350
Average .....	Galloway-Native...	John .....	July 15, 1884	10 65	10 95	7 50	6 00	78 75	1,000	60 00	7,875	200	+600
				\$12 70	\$5 59	\$7 00	\$6 00	\$44 80	1,162	\$69 75	4,705	397	+352

Steer or Spayed Heifer 24 to 36 Months Old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value grain.....	Value hay and forage.	Value pasture.....	Expense for care, etc.	Total cost of production 24 to 36 months.	Weight at 36 months.	Value at 36 months at 6 cts. per lb.....	Cost of production per 100 lbs on gain made from 24 to 36 months.	Gain 24 to 36 months.	Gain 12 to 24 months..	Gain 1 to 12 months.
J. S. Smith & Co., Alzada, Mont.	Range .....	Montana .....	Spring 1884	.....	.....	.....	\$9 00	\$24 00	\$11 00	\$66 00	\$2,182	200	250	650
I. H. Norris & Son, LaMoille, Ill.	.....	Sturgis .....	Decemb'r 1884	.....	.....	.....	9 00	24 00	12 25	73 50	1,959	275	300	650
Average.....	Galloway-Native...	John .....	July 15, 1884	\$4 47	\$9 00	\$9 37	9 00	110 59	17 00	102 00	6,505	700	200	800
				\$4 47	\$9 00	\$9 37	\$9 00	\$52 86	\$13 42	\$47 17	\$3,549	392	250	700



# CLASS B—HORSES.

DAVID GORE, *Superintendent Heavy Horses.*

E. C. LEWIS, *Superintendent Light Horses.*

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of Birth.	Name of Animal.	Breed.
1	Door Prairie Live Stock Association, Door Village, Ind.	1884	Country Gentleman 707.	Cleveland Bay.
2	"	1885	Surprise	"
3	"		Burke	"
4	"		Leoline 695	Clydesdale
5	"	1885	Laird of Moray	"
6	"		Baldwin	"
7	"		Young Nigger	"
8	Blair Bros. & Curry, Aurora, Ill.	1884	Queen of Trumps.	English Shire.
9	"	1884	Lead the Way.	Clydesdale
10	"	1883	Glencoe 3642	"
11	"	1884	Blythe Matchless	English Shire
12	"	1884	Master Piece 520	"
13	"	1882	Blythe Tom.	"
14	"	1882	Pride of the Glen 3080	Clydesdale
15	"	1882	Grand Times 2843	"
16	"	1882	Saxon 4673	English Shire.
17	"	1883	Stokely Tom 5364	"
18	Ogilvie, Robt. B., Madison, Wis.	1885	Queen of Lyons	Cleveland Bay.
19	"	1883	Olive of Jordanstone.	Clydesdale
20	"	1883	Nettie of Jordanstone	"
21	"	1885	Gladstone or Oak Park.	"
22	"	1885	McQueen	"
23	"	1883	Bar None	Grade Draft
24	Banks & Hilt, La Porte, Ind.	1885	Sarah	Clydesdale
25	"	1884	Grand Type.	"
26	"	1883	Pickwick	"
27	"	1885	Blair of Oakland.	"
28	"		Tom Thumb.	Shetland Pony.
30½	Galbraith Bros., Janesville, Wis.		Agricola	English Shire
31	"	1881	The Centaur	"
32	"	1883	Satisfaction	"
33	"	1884	Glencoe	Clydesdale
34	"	1877	Buckden	English Shire.
35	"	1883	Sensation	Clydesdale
36	"	1881	The Milroy	"
37	"	1883	Foxhall	"
38	"			

Class B—Horses—Continued.

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of Birth.	Name of Animal.	Breed.
39	Galbraith Bros., Janesville, Wis.	.....	Leiston .....	Clydesdale
40	"	1884	Blantyre Chief.....	"
41	Holloway, Robt., Alexis, Ill.	1885	Belle of Tarbroch.....	"
42	"	1883	Cherry Ripe .....	"
43	"	1886	Cairnbroggie 1st.....	"
44	"	1886	Cairnbroggie 2d.....	"
45	"	1886	Handsome .....	"
46	"	1883	Simple Jamie .....	"
47	"	1885	Steadfast.....	"
48	"	1883	Cedric .....	"
49	"	1884	Pointsman Again.....	"
50	"	1883	St. Cuthbert .....	"
51	Hunson, John C., Blandinsville, Ill.	1885	Wrangler .....	"
52	"	1885	Privateer.....	"
53	"	1885	Auchenbowie.....	"
54	"	1885	Diamond Cross .....	"
55	"	1884	Millionaire .....	"
56	"	1884	MacBrayne .....	"
57	"	1884	The Mahdi.....	"
58	"	1884	Sir Christopher.....	"
59	"	1883	Salisbury .....	"
60	"	1883	Robert the Bruce.....	"
61	Burgess Bros., Wenona, Ill.	1883	Broughton Prince .....	English Shire
62	"	1876	Beaconsfield 2d.....	"
63	"	1884	Arbitrator .....	"
64	"	1884	Lothair .....	"
65	"	.....	Romulus.....	.....
66	"	.....	Bean Brummel.....	English Shire
67	"	1885	Dauntless.....	.....
68	"	.....	Eric .....	English Shire
69	"	1882	Saltfleet Camelia .....	English Shire
70	"	.....	Brown Duchess.....	"
71	Raeside Bro., Waukegan, Ill.	1886	King Lear .....	Clydesdale
72	"	1885	The Leader .....	"
73	"	1884	Tamworth .....	"
74	"	1881	Gracy .....	"
75	"	1884	Leo .....	Pony
76	"	1884	Masher .....	"



77	Raese Bros., Waukegan, Ill.	1884	Gypsy	Pony
77	"	1885	Spark	"
78	Niles, Wm., La Porte, Ind.	1880	Daring Foo	Clydesdale
80	Wilson, R. J., Hebron, Ind.	1879	Isley Jim	Grade Draft
81	Morey, T. P., Lowell, Ind.	1886	Bob	"
85	Degen Bros., Ottawa, Ill.	1884	Trouville	Carriage Horse
86	"	1884	Feuileton	Percheron
87	Dillon Bros., Normal, Ill.	1886	Roxy G.	"
88	"	1881	Dimmit	French Draft
89	"	1885	Anna G.	Percheron
90	"	1883	Honesty B.	French Draft
91	"	1883	Linnet B.	"
92	"	1885	Melissa B.	"
93	"	1884	Surprise G.	"
94	"	1883	Essie G.	Percheron
95	"	1880	Lorelee G.	"
96	"	1876	Modesty G.	"
99	Virgin & Co., Fairbury, Ill.		Hermite	French Coach
100	"	1885	Mina	French Draft
101	"	1885	Abelon	"
102	"	1884	Chasseur	"
103	"	1884	Perot	"
104	"	1884	Paupin	"
105	"	1883	Prouder	"
106	"	1884	Soudan	"
107	"	1884	Colin	"
108	"	1882	Fargeron	"
109	Wabash Importing Co., Wabash, Ind.	1883	Hercules	Belgian
110	"	1882	Brilliant	"
111	"	1883	Bayard	"
112	"	1883	Baron	"
114	"	1884	Bojard	"
115	"	1884	Burgoyne	"
116	"	1884	Lion	"
117	"	1885	Le Gros	"
118	"	1885	General	"
119	Riley, Thomas, Forest, Ill.	1885	Jumbo	French Draft
120	"	1880	Marquis	"
121	"	1880	General Forest	"
123	Degen Bros., Ottawa, Ill.	1883	Bouvreuil	Percheron
124	"	1884	Bernadotte	"
125	"		Voltaire XI.	French Draft
126	"	1884	Sultan II	Belgian
127	"		Major	"
128	"	1885	Bean Sire	"
129	"		Julius Caesar	"
130	Rogers, B. L., Lyons, Iowa		Sultan	"
131	"		Brilliant	French Draft
132	Shaubach & Eaton, Tonica, Ill.	1884	Tritoma	"
133	Sass & Miller, Ancona, Ill.	1883	Monte Christo	"
134	"	1883	Mouton	"
135	"	1885	Black Beauty	"

Class B--Horses--Continued.

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of Birth.	Name of Animal.	Breed.
136	Sass & Miller, Ancona, Ill	1883	Negro	French Draft
137	"	1883	Porthos.	"
138	"	1883	Valiant.	"
139	Beckett, James D., Chicago, Ill	1883	King Spark	English Shire
140	"	1885	Brown Prince	"
141	"	1885	Goldsborough	Cleveland Bay
142	"	1883	Eastern Star	"
143	"	1884	Oppenay	French Coach
144	"	1884	Gentil	"
145	"	1883	Sultan	Percheron
146	"	1884	Madere XI	"
147	"	1883	Angot	"
148	"	1884	Romeo	"
149	Johnson, Leonard, Northfield, Minn	1882	Briard	"
150	"	1882	Gilbert	"
151	"	1883	Vert Gallant	"
152	"	1883	Sadie	"
153	"	1883	Messagere	"
154	"	1884	Grover	"
155	Thompson, S. D., Wayne, Ill		Maria	Pony
156	"		Marane 4379	"
157	Dunham, M. W., Wayne, Ill	1885	Colette 5696	Percheron
158	"		Rosaline 5176	"
159	"	1885	Adelaide 519 (1407)	"
160	"		Bertha 5340 (7108)	"
161	"		Lancette 5672 (6994)	"
162	"	1885	Julia 5676 (7015)	"
163	"	1885	Margot 5658 (7021)	"
164	"	1885	Rafale 4391	"
165	"		Brilliant 1271 (755)	"
166	"	1881	Duke of York	Cleveland Bay
167	Stericker Bros., Springfield, Ill	1884	Ventnor	"
168	"	1884	Kingscote	"
169	"	1885	Napoleon	"
170	"	1885	Royal Monarch	"
171	"	1883	Lady Hilda	"
172	"	1882	Empress	"



176	Stericke, Bros., Springfield, Ill.	1881	Turcoman	Clydesdale
177	"	1885	Sargeant	English Shire
178	"	1884	Sonsie	"
180	Dillon Bros., Normal, Ill.	1887	When	Percheron
182	Yeomans, Henry, Indianola, Iowa	1884	Lucky Boy	Cleveland Bay
183	"	1885	Provo'st	Carriage Horse
184	Henry, O. H., Indianola, Iowa	1881	Tip Top	Clydesdale
185	Johnson, Leonard, Northfield, Minn.	1883	La Ceine	French Coach
186	"	1882	Estimee	"
187	"	1880	Perla	"
188	"	1882	Epatant	"
189	Brown, George E. & Co., Aurora, Ill.	1884	Consort	Cleveland Bay
190	"	1884	Banquo	"
191	"	1882	True Britain	"
192	"	1883	Darley	"
193	"	1884	Knight Templar	English Shire
194	"	1884	Carter	"
195	"	1884	Lincoln	"
196	"	1884	Don Pedro	"
197	"	1883	King John	"
198	"	1882	Holland Major	"
199	Wadsworth, James, Chicago, Ill.	1884	Hambletonian Bashaw	Roadster
200	Sunderland, I. T., Chicago, Ill.	1884	Parnell	Roadster
202	"	1884	Scalchi	"
209	Hill, Ira A., Chicago, Ill.	1878	Royal Bashaw, Hill's	"
210	"	1877	Royal George, Hill's	"
212	Baker, W. T., Bolivia, Ill.	1886	Jewel	Saddle Horse
213	"	1884	Budd Dobie	Carriage Horse
214	"	1884	Mollie	"
215	"	1884	Nellie Grant	"
216	"	1885	Freeland	"
217	"	1884	Head'eut	"
218	Miller	1875	Dick Oglesby	Roadster
223	Covert, George H., Chicago, Ill.	1875	Mambrino Prince	"
224	King, Rufus, Chicago, Ill.	1883	Kingston	Saddle Horse
226	Mathison, S., Chicago, Ill.	1883	Prince Logan	Roadster
228	Newman, John, Elgin, Ill.	1883	Newmont	Carriage Horse
230	Gray, James, Freeport, Ill.	1882	Valmouth	"
231	"	1883	Escobas	"
232	"	1883	Proussac	"
233	"	1882	Eblouissant	"
234	"	1881	Dadiaz	"
235	"	1884	Lance of Joy	"
236	"	1882	Erantial	"
237	Cater Bros., Libertyville, Ill.	1882	Armthwaite Champion	Clydesdale
238	"	1880	Top Gallant	English Shire
239	"	1884	Jubilee	Cleveland Bay
240	"	1885	Speculator	"
241	"	1885	Young Nobleman	"
242	"	1882	Free Trade	Carriage Horse
243	Moffatt, Wm. & Bro., Paw Paw, Ill.	1885	Corsair III	Clydesdale
244	"	1884	Baron Victor	"

# Class B—Horses—Continued.

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of Birth.	Name of Animal.	Breed.
246	Wm. Moffatt & Bro., Paw Paw, Ill.	.....	Conningsly.....	Clydesdale.....
247	Swanbrough, J. W., Waukegan, Ill.	1883	Princes Wilkes.....	Roadster.....
248	.....	1875	Hambletonian Prince.....	".....
249	Shillington, Isaac, Chicago, Ill.	1884	Royal Arch.....	".....
250	Crockett, W. D., Waukegan, Ill.	1879	Judge Hayes.....	Saddle Horse.....
250½	.....	.....	Little Minch.....	".....
251	.....	.....	Ruby Wilkes.....	".....
252	Russ, O. A., Chicago, Ill.	1882	Captain.....	".....
253	Dunne, Mrs. M. W., Chicago, Ill.	1880	Archie D.....	".....
254	Rowe, D. N., Chicago, Ill.	1881	Kitty K.....	".....
255	Harvey, T. W., Turlington, Neb.	.....	Artisan.....	".....
256	Degen Bros., Ottawa, Ill.	1884	Charlie.....	Pony.....
257	Gleason, H. J., Chicago, Ill.	.....	Colonel.....	".....
259	Burgess Bros., Wenona, Ill.	.....	Charley.....	".....
267	Scranton, G. F., Forest, Ill.	.....	Rex.....	".....
268	Keenan, Robbie, Chicago, Ill.	.....	Jennie.....	".....
A	Mallory, M. S. Jr., Belvidere, Ill.	1878	Corsican.....	Percheron.....
B	Degen Bros., Ottawa, Ill.	1884	Billy.....	Carriage Horse.....
B	".....	1887	Porthos.....	Percheron.....
D	".....	1887	Attila.....	".....
D	Blodgett, A. Z., Waukegan, Ill.	1887	King Harry.....	Clydesdale.....
E	".....	1887	.....	".....
F	".....	1887	King George.....	".....
G	Mallory, M. S., Jr., Belvidere, Ill.	1887	Gilman.....	Roadster.....
H	Murphy, John C., South Evanston, Ill.	1884	McGurigan.....	".....
	Moon, W. D., Chicago, Ill.	.....	Dick.....	".....
	Smith, Geo. R., Shelbyville, Ky.	.....	Geo. Palmer.....	".....
	Burgess Bros., Wenona, Ill.	1885	Jugler.....	Park Horse.....
	".....	1883	John O'Gaunt.....	English Shire.....
	".....	1884	Lady Beaconsfield.....	".....
	".....	1885	Wenona Queen.....	".....
	".....	.....	Lady Bradshaw.....	".....
	Degen Bros., Wenona, Ill.	.....	Tulip.....	Percheron.....
	Holloway, Robt., Alexis, Ill.	1881	Darling.....	Clydesdale.....
	Blair Bros. & Curry, Aurora, Ill.	1885	Maud of Oak Grove.....	".....
	".....	1883	Stumah.....	".....
	".....	1885	Hetty.....	English Shire.....
	".....	1885	The Princess.....	".....



1886	Dillon Bros., Normal, Ill.	Sarena	Percheron
1884	Dunham, M. W., Wayne, Ill.	Frigate	"
1880	"	Stradat	"
1882	"	Cheri	"
1884	"	Pollux	"
1884	"	Pacha	"
1884	"	Ventuer	"
1884	"	Attila	"
1884	"	Lerida	"
1885	"	Absalom	"
1885	"	Gastronome	"
1882	"	Mascotte	"
1882	"	Bijourie	"
1882	"	Giaria	"
1882	"	Favorita	"
1884	"	Zoe	"
1884	"	Babie	"
1885	"	Medora	"
1883	"	Eblouissant	French Coach
1885	"	Hilaire	"
1884	"	Gildino	"
1884	"	Gil Blas	"
1884	"	Grancey	"
1883	"	Ferron	"
1883	"	Fleuron	"
1883	"	Forrester	"
1880	"	Vesta	"
1885	"	Hirondelle	"
1884	Wadsworth, James, Chicago, Ill.	Abdallah Hambeltonian	Roadster
1886	"	Lady Atwood	"
1884	Brown, Geo. E. & Co., Aurora, Ill.	Lord Byron	English Shire
1884	"	Portland Wonder	"
1884	"	Eagle	"
1885	"	Harold Champion	"
1885	"	Top Gallant	"
1885	"	Aurora Champion	"
1885	"	Hartington	"
1885	"	Bay Chapel	"
1885	"	Deeping Plowboy	"
1885	"	Active	"
1885	"	Proud Tom	"
1885	"	Endymion	Cleveland Bay
1885	"	Hannibal	"
1885	"	Czar	"
1885	"	Prince Arthur	"
1885	"	Almont	"
1885	"	Homer	"
1885	"	Rushmore	"
1881	"	Gloster	"
1883	"	Marlboro	"
1884	"	Warlock	"
1881	"	Adelaide	"

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of Birth.	Name of Animal.	Breed.
	Brown, Geo. E. & Co., Aurora, Ill.	1879	Vivian .....	Cleveland Bay .....
	Gray, Jas., Freeport, Ill. ....	1882	Elobah .....	Carriage Horse .....
	Holloway, Itoht., Alexis, Ill.	1887	Cloth of Gold .....	Clydesdale .....
	" " "	1887	Stalwart .....	" " .....
	" " "	1885	Minnie Tarbroch .....	" " .....
	" " "	1886	St. Cuthbert's Daisy .....	" " .....
	" " "	1887	St. Cuthbert's Maggie .....	" " .....
	" " "	1887	Beautiful Princess .....	" " .....
	" " "	.....	Cairnbroggie 1st .....	" " .....
	Gaibraith Bros., Janesville, Wis.	1882	Caractacus .....	English Shire .....
	" " "	1884	Prince Royal .....	" " .....
	" " "	1884	Bold Prince .....	" " .....
	" " "	1884	Ambassador 3d .....	" " .....
	" " "	1885	Sir Roger 2d .....	" " .....
	" " "	1885	Grove Spark .....	" " .....
	" " "	1885	Carlton Thumper .....	" " .....
	" " "	1885	Sprotbro Matchless .....	" " .....
	" " "	1877	Queen of Merryton .....	" " .....
	" " "	1884	Lily .....	Clydesdale .....
	" " "	1884	Lord Derby .....	Cleveland Bay .....
	" " "	1884	Star of Cleveland .....	" " .....
	" " "	1884	Endearment .....	" " .....
	" " "	1883	Young Sanguhar .....	Clydesdale .....
	" " "	1884	Holyrood .....	" " .....
	" " "	1885	Earl of Tornorrock .....	" " .....
	" " "	1885	Dollar Yet .....	" " .....
	" " "	1885	Graham Fancy .....	" " .....
	" " "	1885	Bengullion .....	" " .....
	" " "	1880	Beauty .....	" " .....
	Wilson, W. J., Chicago, Ill.	....	Captain .....	Carriage Horse .....
	" " "	....	Colonel .....	" " .....
	Brown, George E. & Co., Aurora, Ill.	1884	Jewel .....	Cleveland Bay .....
	Harvey, J. R. & Co., Chicago, Ill.	....	Prince Edward .....	" " .....
	" " "	....	Earl .....	" " .....
	Davis, George F. & Co., Dyer, Ind.	1881	Dexter .....	Saddle Horse .....
	Bergen Bros., Manhattan, Ill.	1883	Duke of Edinburg .....	Pony .....
	" " "	1885	Prince of Iceland .....	" " .....
	" " "	1879	Jenny .....	" " .....



Bergen Bros., Manhattan, Ill.	1881	Jane	Pony	
"	1884	Pet.	"	
"	1884	Kit.	"	
Smith, George P., Chicago, Ill.		Minnie.	Carriage Horse.	
"		Mattie.	"	
Winslow Peleg, Kankakee, Ill.	1885	Nicodemus	Roadster.	
Brooks, J. W., Jr., Chicago, Ill.		Billy Boy	Saddle Horse	
"		Annie	"	
Blass, J. H.,		Hattie B.	Roadster.	
Fay, C. N.,		"	Cobs	
"		"	"	
Robinson, J. K., Jr.,		Frolic	Pony.	
Rockwood, Florence,		Queen Ella	Saddle Horse	
Rockwood, F. B.,		Rex	"	
Walxel, D.,		John P.	"	
Brewster, Peabody, Allegan, Mich.	1884	Time o' Day	Grade Draft	
Taylor, Hubert C., Chicago, Ill.		"	"	
"		"	Four-in-Hand.	
"		"	"	
Cronhelm, N. L.,	1881	St. Elmo.	Roadster.	
Allerton, Saml. W.,		"	Carriage Horse.	
"		"	"	
Palmer, Potter,		"	"	
"		"	"	
"		"	Four-in-Hand.	
Cooper, John S.,		John S.	Roadster.	
Ryan, John F.,		Midget.	"	
Close, J. B.,		Oriole.	Saddle Horse	
Burdett, E. A.,		Frank G.	Coupe Horse	
Reynolds, Fred Lee,		Sam	Pony.	
Smith, Davis & Co., Fulton, Mo.		"	Saddle Gelding.	
Cudahy, M., Chicago, Ill.		"	"	
"		"	"	
Hecinger Bros., Chicago, Ill.		Bay Prince.	Roadster.	
Bergman, John,	1884	Highland Wilkes.	"	
Billings, C. K. G.,		"	Saddle Horse	
Coy, Harry,	1885	Jessie.	Pony.	
"		Jennie	"	
"		"	"	
Perrin, G. E.,		Blue Gown	Roadster.	
Baxter, A. J.,		Rebel	Brougham Team	
"		"	"	
MacFarland, H. J.,	1879	Bob	Roadster.	
"	1879	Spy	"	
"		Prince	Cart Horse.	
"		Chief.	"	
"		Don.	Roadster.	
"		Parnell	"	
Blass, J. H.,	1878	Young Nigger	Grade Draft	
Goss, S. F.,	1884.	Betty Rogers.	Clydesdale.	
Baldwin, W. W., Jr.,		"	"	
Hunter, Alex., Caledonia, Ill.	1885	Lord James.	"	

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of Birth.	Name of Animal.	Breed.
	Martindale, H. H., Chicago, Ill.		Harry.....	Carriage Horse
	" " "		Horace.....	"
	" " "		Frank.....	"
	" " "		Fred.....	Cobs.
	Caton Stock Farm, Joliet, Ill.		Hennepin Maid.....	Roadster
	" " "		Michigan.....	"
	Olin, D. H., Chicago, Ill.		Colonel.....	"
	Frazier, James, Chicago, Ill.		King Clay.....	"
	" " "		Kansas Jack.....	Tandem Team.
	" " "		Peacock.....	"
	" " "		Bright Eyes.....	Cobs
	" " "		Merry Legs.....	"
	Romaine, J. H.,		Kittie Wilkes.....	Roadster
	Kelley, John,		Opal.....	"
	Nelson, O. C.,		Oglesby.....	Cobs.
	" " "		Mate.....	"
	Schwartz, Chas.,		".....	"
	" " "		".....	"
	" " "		".....	"
	Carson, J. D.,		".....	"
	" " "		".....	"
	Kennett, F. J.,		".....	"
	" " "		".....	"
	Babb, Albert, Taylorville, Ill.	1885	Hindu.....	Jack
	" " "	1887	Don Alfonso.....	"
	" " "	1887	Jehu.....	"
	" " "	1884	Tolu.....	Jennet.
	" " "	1887	Donna Julia.....	"
	" " "	1887	Antonia.....	"
	" " "		".....	"
	Lester, John T., Chicago, Ill.		".....	Brougham Team
	" " "		".....	"
	Harvey, J. R.,		".....	Tandem Team
	" " "		".....	"



## CLASS B—HORSES.

## LOT 19—ROADSTERS.

Stallion 4 years old or over.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
193	Ira A. Hill, Chicago, Ill.....	1878	Hill's Royal Bashaw .....
194	.....	1877	Hill's Royal George.....
195	Geo. C. Covert, Chicago, Ill .....	1875	Mambrino Prince .....
196	Rufus King, Chicago, Ill.....	1875	Kingston .....
197	John Newman, Elgin, Ill .....	1883	Newmont 4877.....
198	J. W. Swanbrough, Waukegan, Ill .....	1883	Princess Wilkes.....
199	.....	1875	Hambletonian Prince.....
200	W. D. Crockett, Waukegan, Ill.....	1879	Judge Hayes.....
201	Heckinger Bros., Chicago, Ill.....	.....	Bay Prince .....
202	M. S. Malony, Jr., Belvidere, Ill .....	1883	Gilman .....
203	N. M. Cronholm, Chicago, Ill .....	1881	St. Elmo .....
204	Parker Bros., Hyde Park, Ill.....	.....	Interior .....

First premium to Judge Hayes, exhibited by W. D. Crockett, Waukegan, Ill.—

Illinois State Board of Agriculture ..... \$30 00

Second premium to Hambletonian Prince, exhibited by W. D. Crockett, Waukegan, Ill.—

Illinois State Board of Agriculture ..... 20 00

Third premium to Newmont, exhibited by Jno. Newman, Elgin, Ill.—

Illinois State Board of Agriculture ..... 15 00

Fourth premium to Gilman, exhibited by M. S. Malony, Jr., Belvidere, Ill.—

Illinois State Board of Agriculture ..... 10 00

Stallion 3 and under 4 years.

205	W. T. Baker, Bolivia, Ill.....	1884	Head 'em .....
206	Isaac Shillington, Waukegan, Ill.....	1884	Royal Arch.....
207	John Bergman, Chicago, Ill.....	.....	Highland Wilkes.....
208	M. S. Malony, Jr., Belvidere, Ill .....	1884	McGurigan .....
209	Jas. Wadsworth, Chicago, Ill .....	1884	Abdallah Hamlet.....

First premium to Royal Arch, exhibited by Isaac Shillington, Waukegan, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Abdallah Hamlet, exhibited by Jas. Wadsworth, Chicago, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Head 'em, exhibited by W. T. Baker, Bolivia, Ill.—

Illinois State Board of Agriculture..... 15 00

## Mare 4 years old or over.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
210	Caton Stock Farm, Joliet, Ill., .....	.....	Hennepin Maid.....
211	John F. Ryan, Chicago, Ill.....	1880	Midget .....
212	J. H. Romaine, Chicago, Ill.....	.....	Kittie Wilkes .....

First premium to Kitty Wilkes, exhibited by J. H. Romaine, Chicago, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Midget, exhibited by Jno. F. Ryan, Chicago, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Hennepin Maid, exhibited by the Caton Stock Farm, Joliet, Ill.—

Illinois State Board of Agriculture..... 15 00

## Mare 3 and under 4 years.

213	W. T. Baker, Bolivia, Ill.....	1884	Nellie Grant.....
214	I. T. Sunderland, Chicago, Ill.....	1884	Scatchi .....

First premium to Nellie Grant, exhibited by W. T. Baker, Bolivia, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Scatchi, exhibited by I. T. Sunderland, Chicago, Ill.—

Illinois State Board of Agriculture..... 20 00

## Mare any age.

215	Jas. Wadsworth, Chicago, Ill .....	1886	Lady Atwood.....
216	J. H. Blass, Chicago, Ill .....	.....	Hattie B.....
217	John Kelley, Chicago, Ill.....	.....	Opal.....
212	J. H. Romaine, Chicago, Ill.....	.....	Kittie Wilkes.....

First premium to Kittie Wilkes, exhibited by J. H. Romaine, Chicago, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Opal, exhibited by Jno. Kelley, Chicago, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Hattie B, exhibited by J. H. Blass, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

## Pair of Geldings any age.

213	H. J. McFarland, Chicago, Ill.....	.....	Bob and Spy .....
214	F. J. Kennett, Chicago, Ill .....	.....	Unnamed.....

First premium to F. J. Kennett, Chicago, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to H. J. McFarland, Chicago, Ill.—

Illinois State Board of Agriculture..... 20 00



Gelding any age.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
215	D. H. Olin, Chicago, Ill .....	.....	Colond .....
216	Caton Stock Farm, Joliet, Ill.....	.....	Michigan.....
217	H. H. Martindale, Chicago, Ill .....	.....	Horace.....
218	S. F. Goss, Chicago, Ill.....	1883	Parnell.....
219	J. H. Blass, Chicago, Ill.....	.....	Don .....
220	J. S. Cooper, Chicago, Ill .....	.....	"John S".....
221	J. H. Romaine, Chicago, Ill.....	1882	Master Jim.....
222	W. D. Moon, Chicago, Ill .....	.....	George Parmer.....
223	Jas. Frazier, Chicago, Ill.....	.....	King Clay .....

First premium to Don, exhibited by J. H. Blass, Chicago, Ill.

Illinois State Board of Agriculture.....	\$30 00
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Second premium to King Clay, exhibited by Jas. Frazier, Chicago, Ill.—

Illinois State Board of Agriculture. ....	20 00
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Third premium to Master Jim, exhibited by J. H. Romaine, Chicago, Ill.—

Illinois State Board of Agriculture.....	15 00
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Fourth premium to Parnell, exhibited by S. F. Goss, Chicago, Ill.—

Illinois State Board of Agriculture.....	10 00
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## LOT 20—CLEVELAND BAY.

Stallion 4 years old or over.

224	Door Prairie Live Stock Ass'n, Door Village, Ind.	1879	Surprise.....
225	G. E. Brown & Co., Aurora, Ill.....	1881	Gloster.....
226	" " ".....	1883	Marlboro.....
227	" " ".....	1882	True Britain ..
228	" " ".....	1883	Darnley.....
229	Stericker Bros., Springfield, Ill.....	1881	Duke of York 72.....
230	Jas. D. Becket, Chicago, Ill.....	1883	Eastern Star.....
231	" " ".....	1885	Goldsborough L.....

First premium to Marlboro, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

Illinois State Board of Agriculture.....	\$30 00
Abbott Buggy Co.....	50 00
R. B. Crouch & Co .....	5 00

Total .....	\$85 00
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Second premium to True Britain, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

Illinois State Board of Agriculture.....	20 00
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Third premium to Darnley, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

Illinois State Board of Agriculture.....	15 00
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Fourth premium to Duke of York, exhibited by Stericker Bros., Springfield, Ill.—

Illinois State Board of Agriculture.....	10 00
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## CLEVELAND BAY ASSOCIATION PREMIUMS.

First premium to Marlboro, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

American Cleveland Bay Association..... \$50 00

Second premium to Surprise, exhibited by Door Prairie Live Stock Ass'n, Door Village, Ind.—

American Cleveland Bay Association..... 25 00

Third premium to Darnley, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

American Cleveland Bay Association..... 15 00

Fourth premium to Duke of York, exhibited by Stericker Bros., Springfield, Ill.—

American Cleveland Bay Association. .... 10 00

Stallion 3 years old and under 4.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
232	Geo. E. Brown & Co., Aurora, Ill.....	1884	Consort. ....
233	“ “ “ “ .....	1884	Warlock.....
234	“ “ “ “ .....	1883	Bangus.....
235	Galbraith Bros., Janesville, Wis.....	1884	Lord Derby. ....
236	“ “ “ “ .....	1884	Star of Cleaveland .....
237	“ “ “ “ .....	1884	Endearment. ....
238	Stericker Bros., Springfield, Ill.....	1884	Ventnox “69”.....
239	“ “ “ “ .....	1884	Kingscote 154.....
240	Iowa Hereford Cattle Co., Indianola, Ia .....	1884	Lucky Boy 749 .....
241	Cater Bros., Libertyville, Ill.....	1884	Young Nobleman .....

First premium to Consort, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Bangus, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Endearment, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Warlock, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

Illinois State Board of Agriculture..... 10 00

## CLEVELAND BAY ASSOCIATION PREMIUMS.

First premium to Consort, exhibited by Geo. E. Brown &amp; Co., Aurora, Ill.—

American Cleveland Bay Association..... \$50 00

Second premium to Lord Derby, exhibited by Galbraith Bros., Janesville, Wis.—

American Cleveland Bay Association..... 25 00

Third premium to Ventnox “69”, exhibited by Stericker Bros., Springfield, Ill.—

American Cleveland Bay Association..... 15 00

Fourth premium to Endearment, exhibited by Galbraith Bros., Janesville, Wis.—

American Cleveland Bay Association ..... 10 00



Mare 4 years old or over.

[illegible]

First premium to Empress, exhibited by Stericker Bros., Springfield, Ill.—

Illinois State Board of Agriculture.....	\$30 00
Chicago Harness Co.....	50 00
	<hr/>
Total .....	\$80 00

Second premium to Vivian, exhibited by Geo. E. Brown & Co., Aurora, Ill.—

Illinois State Board of Agriculture.....	20 00
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Third premium to Lady Hilda, exhibited by Stericker Bros., Springfield, Ill.—

Illinois State Board of Agriculture.....	15 00
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Fourth premium to Adelaide, exhibited by Geo. E. Brown & Co., Aurora, Ill.—

Illinois State Board of Agriculture.....	10 00
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# CLEVELAND BAY ASSOCIATION PREMIUMS.

First premium to Vivian, exhibited by Geo. E. Brown & Co., Aurora, Ill.—

American Cleveland Bay Association.....	\$50 00
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Second premium to Lady Hilda, exhibited by Stericker Bros., Springfield, Ill.—

American Cleveland Bay Association.....	25 00
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Third premium to Empress, exhibited by Stericker Bros., Springfield, Ill.—

American Cleveland Bay Association.....	15 00
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Fourth premium to Vivian, exhibited by Geo. E. Brown & Co., Aurora, Ill.—

American Cleveland Bay Association.....	10 00
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Mare 3 and under 4 years.

246	Geo. E. Brown & Co., Aurora, Ill.....	1884	Jewel.....
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First premium to Jewel, exhibited by Geo. E. Brown & Co., Aurora, Ill.—

Illinois State Board of Agriculture.....	\$30 00
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## AMERICAN CLEVELAND BAY ASSOCIATION PREMIUMS.

First premium to Jewel, exhibited by Geo. E. Brown & Co., Aurora, Ill.—

American Cleveland Bay Association.....	\$50 00
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Pair Mares any age.

No.	Name and Postoffice of Exhibitor.	Name of Animal.
244	Stericker Bros., Springfield, Ill.....	Empress.....
245	" " .....	Lady Hilda.....
243	Geo. E. Brown & Co., Aurora, Ill.... .	Vivian .....
242	" " .....	Adelaide .....

First premium to Empress and Lady Hilda, exhibited by Stericker Bros., Springfield, Ill.—

Illinois State Board of Agriculture.....	\$30 00
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Second premium to Vivian and Adelaide, exhibited by Geo. E. Brown & Co., Anrora, Ill.—

Illinois State Board of Agriculture.....	20 00
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AMERICAN CLEVELAND BAY ASSOCIATION PREMIUMS.

First premium to Geo. E. Brown & Co., Aurora, Ill.—

American Cleveland Bay Association.....	\$50 00
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Second premium to Stericker Bros., Springfield, Il.—

American Cleveland Bay Association.....	25 00
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## LOT 21--SADDLE HORSES.

Stallion any age.

No.	Name and Post-office of Exhibitor.	Date of birth.	Name of Animal.
247	Geo. F. Davis & Co., Dyer, Ind.....	1881	Dexter.....
248	W. T. Baker, Bolivia, Ill.....	1886	Jewel.....
249	S. Mathison, Chicago, Ill.....	.....	Prince Logan.....

First premium to Jewel, exhibited by W. T. Baker, Bolivia, Ill.—

Illinois State Board of Agriculture.....	\$30 00
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Second premium to Dexter, exhibited by Geo. F. Davis & Co., Dyer, Ind.—

Illinois State Board of Agriculture.....	20 00
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Third premium to Prince Logan, exhibited by S. Mathison, Chicago, Ill.—

Illinois State Board of Agriculture.....	15 00
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## Gelding any age.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
250	Mrs. M. W. Dunne, Chicago, Ill.....	1880	Archie D .....
251	O. A. Russ, ".....		Captain.....
252	Davis, Smith & Co., Fulton, Mo.....		Red Rose.....
253	R. S. Payne, Chicago, Ill.....		John P.....
254	F. B. Rockwood, ".....		Rex.....
255	J. W. Brooks, ".....		Billy Boy.....
256	Henry Tift, ".....		Pet.....
257	" " ".....		Baby.....
258	Jas. Wheeler, ".....		Nero.....

First premium to Archie D., exhibited by Mrs. M. W. Dunne, Chicago, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Red Rose, exhibited by Davis, Smith & Co., Fulton, Mo.—

Illinois State Board of Agriculture..... 20 00

Third premium to Billy Boy, exhibited by J. W. Brooks, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Captain, exhibited by O. A. Russ, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

## Best Mare any age.

259	D. M. Rowe, Chicago, Ill.....	1881	Kittie R.....
260	C. K. G. Billings, Chicago, Ill.....		.....
261	J. B. Close, Chicago, Ill.....	1884	Oriole.....
262	Florence Rockwood, Chicago, Ill.....		Queen Ella.....
263	J. W. Brooks, Chicago, Ill.....	1879	Annie.....
264	W. H. Davis, Fulton, Mo.....		.....

First premium to Kitty R., exhibited by D. M. Rowe, Chicago, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to unnamed, exhibited by W. H. Davis, Fulton, Mo.—

Illinois State Board of Agriculture..... 20 00

Third premium to unnamed, exhibited by C. K. G. Billings, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

## LOT 22—CARRIAGE OR COACH—(Other than Cleveland Bay).

## Stallion any age, to harness.

265	W. T. Baker, Bolivia, Ill.....	1885	Freeland.....
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First premium to Freeland, exhibited by W. T. Baker, Bolivia, Ill.—

Illinois State Board of Agriculture..... \$30 00

Stallion any age, without harness.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
266	W. T. Baker, Bolivia, Ill.....	1886	Budd Doble. ....
267	Degen Bros., Ottawa, Ill.....	1884	Tranville .....
268	" " ".....	1884	Billy .....
269	James Gray, Freeport, Ill.....	1882	Escobas. ....
270	" " ".....	1881	Elabah .....
271	" " ".....	1882	Erantial. ....
272	" " ".....	1883	Proncass .....
273	" " ".....	1884	Fen De Gue. ....
274	" " ".....	1882	Eblouissant. ....
275	" " ".....	1881	Dadias. ....
276	" " ".....	1883	Valmouth. ....
277	James D. Beckett, Chicago, Ill.....	1884	Gentil. ....
278	" " ".....	1884	Oppenay .....
279	Leonard Johnson, Northfield, Minn .....	1882	Epaland. ....
280	Iowa Hereford Cattle Co., Indianola, Ia.....	1885	Provost. ....
281	Cater Bros., Libertyville, Ill .....	1882	Free Trade .....
282	M. W. Dunham, Wayne, Ill. ....	1883	Eblouissant. ....
283	" " ".....	1885	Hillaire .....
284	" " ".....	1884	Gildino.....
285	" " ".....	1884	Gil Blas. ....
286	" " ".....	1884	Grancey. ....
287	" " ".....	1883	Ferron .....
288	" " ".....	1883	Fleuron. ....
289	" " ".....	1883	Forrester.....
290	John Virgin, Fairbury, Ill .....	1885	Hermite. ....

First premium to Escobas, exhibited by James Gray, Freeport, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Eblouissant, exhibited by John Gray, Freeport, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Eblouissant, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Erantial, exhibited by James Gray, Freeport Ill.—

Illinois State Board of Agriculture..... 10 00

Pair of Geldings any age.

No.	Name and Postoffice of Exhibitor.	Name of Animal.
291	H. H. Martindale, Chicago, Ill.....	Harry and Horace.....
292	" " ".....	Frank and Fred. ....
293	George R. Smith, Shelbyville, Ky.....	.....

First premium to H. H. Martindale, Chicago, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to George R. Smith, Shelbyville, Ky.—

Illinois State Board of Agriculture..... 20 00

Third premium to H. H. Martindale, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00



Mare any age.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
294	W. T. Baker, Bolivia, Ill .....	1884	Mollie. ....

First premium to Mollie, exhibited by W. T. Baker, Bolivia, Ill.—

Illinois State Board of Agriculture..... \$30 00

French Coach Mare any age (not shown in harness).

295	Leonard Johnson, Northfield, Minn.....	1880	Perla .....
296	“ “ .....	1882	Estimee. ....
297	“ “ .....	1885	La Ceine .....
298	M. W. Dunham, Wayne, Ill.....	1880	Vesta. ....
299	“ “ .....	.....	Merlette. ....
300	“ “ .....	1885	Hirondelle .....

First premium to Vesta, exhibited by M. W. Dunham, Wayne, Ill.

Second premium to La Ceine, exhibited by Leonard Johnson, Northfield, Minn.

Third premium to Perla, exhibited by Leonard Johnson, Northfield, Minn.

Fourth premium to Estimee, exhibited by Leonard Johnson, Northfield, Minn.

No money awarded, as the above animals should have been shown in harness.

Pair of Mares any age.

213	W. T. Baker, Bolivia, Ill.....	1884	Nellie. ....
294	“ “ .....	1884	Mollie. ....
301	George P. Smith, Chicago, Ill.....	.....	Minnie .....
302	“ “ .....	.....	Mattie. ....

First premium to George P. Smith, Chicago, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to W. T. Baker, Bolivia, Ill.—

Illinois State Board of Agriculture..... 20 00

LOT 23—PARK HORSE.

Stallion, Mare or Gelding any age.

303	Geo. R Smith, Shelbyville, Ky.....	.....	Jugler.....
304	T. W. Harvey, Turlington, Neb. ....	1879	Artisan.....
305	T. Burton, Chicago, Ill.....	.....	.....

First premium to Artisan, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Jugler, exhibited by Geo. R. Smith, Shelbyville, Ky.—

Illinois State Board of Agriculture..... 20 00

Third premium to unnamed, exhibited by T. Burton, Chicago, Ill.—

Illinois State Board of Agriculture,..... 15 00

# LOT 24—EQUESTRIANISM.

## Best Boy Rider under 14 years.

Geo F. Davis.....	Dyer, Ind
T. W. Harvey, Jr.....	Chicago, Illinois
Elbert Harvey.....	“
—— Raeside.....	Waukegan, “
—— Scranton.....	Forest, “
Willie Davis.....	Dyer, Ind
Robbie Keenan.....	Chicago, Illinois
Harry Coy.....	“
Fred Lee Reynolds.....	“
B. Smith.....	“
Michael Burke.....	“
Charlie Burgess.....	Wenona, “
Willie Keen.....	Chicago, “
J. Cudahy.....	“
Harry McCurdy.....	“
Phillip Sears.....	“
David Leary.....	“
H. J. Gleason.....	“
Ed. Lewis.....	“
Geo. M. Pullman, Jr.....	“
Bruce Clark.....	“

First premium to T. W. Harvey, Jr., Chicago, Ill.—

Illinois State Board of Agriculture.....	\$25 00
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Second premium to Elbert Harvey, Chicago, Ill.—

Illinois State Board of Agriculture.....	15 00
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Third premium to David Leary, Chicago, Ill.—

Illinois State Board of Agriculture.....	10 00
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## Gentleman Rider.

Geo. F. Davis.....	Dyer, Ind
D. M. Martindale.....	Chicago, Illinois
H. J. McFarland.....	“
Henry Davis.....	Dyer, Ind
M. W. Dunne.....	Chicago, Illinois
O. A. Russ.....	“
W. H. Davis.....	Fulton, Mo
S. Mathison.....	Chicago, Illinois
R. S. Payne.....	“
Wm. Wilson.....	“

First premium to W. H. Davis, Fulton, Mo.—

Illinois State Board of Agriculture.....	\$25 00
C. D. Peacock.....	25 00

Total .....	\$50 00
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Second premium to O. A. Russ, Chicago, Ill —

Illinois State Board of Agriculture.....	15 00
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Third premium to R. S. Payne, Chicago, Ill.—

Illinois State Board of Agriculture.....	10 00
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## Lady Rider.

Mrs. M. W. Dunne.....	Chicago, Illinois
Miss Lily Davis.....	Dyer, Ind
Mary G. Coy.....	Chicago, Illinois
Maggie M. Fish.....	“
Mrs. W. L. Palmer.....	Carthage Dakota
Mrs. Arthur S. Jennings.....	Chicago, Illinois



First premium to Mrs. M. W. Dunne, Chicago, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to Mrs. Arthur S. Jennings, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to Mrs. W. L. Palmer, Carthage, Dakota.—

Illinois State Board of Agriculture..... 10 00

Lady Rider with escort.

Mrs. M. W. Dunne.....	Chicago, Illinois
Mary Coy.....	" "
Maggie M. Fish.....	" "
Mrs. W. L. Palmer.....	Carthage, Dakota
Mrs. Arthur S. Jennings.....	Chicago, Illinois
Miss Lillie Davis.....	Dyer, Indiana

First premium to Mary Coy, Stock Yards, Chicago, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to Mrs. Arthur S. Jennings, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to Maggie M. Fish, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

## LOT 25—DRIVING TO CART.

Best Boy Driver not over 14 years.

Robbie Keenan.....	Chicago, Illinois
Harry Coy.....	" "
Fred Lee Reynolds ..	" "
B. Smith.....	" "
Michael Burke.....	" "
Harry McCurdy.....	" "
J. K. Robinson.....	" "
J. K. Thompson.....	" "
H. J. Gleason.....	" "

First premium to Michael Burke, Chicago, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to J. K. Thompson, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to Robbie Keenan, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

Girl Driver not over 14 years.

Mattie Keenan.....	Chicago, Illinois
Rebecca Tomlin.....	" "

First premium to Mattie Keenan, Chicago, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to Rebecca Tomlin, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

326	John C. Murphy, South Evanston, Ill.....	1884	Dick.....
327	Raeside Bros., Waukegan, Ill.....		Leo.....
328	J. K. Robinson, Chicago, Ill.....		Frolic.....
329	Philip Sears, Chicago, Ill.....		.....
330	John Dupee, Jr., Chicago, Ill.....		.....



First premium to unnamed, exhibited by John Dupee, Jr., Chicago, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to Dick, exhibited by J. C. Murphy, South Evanston, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to Leo, exhibited by Raeside Bros., Waukegan, Ill.—

Illinois State Board of Agriculture..... 10 00

Pony Team.

Bergen Bros., Janesville, Wis .....	Jenny and Jane
Bergen Bros., Manhattan, Ill.....	Pet and Kit
S. D. Thompson, Wayne, Ill .....	Grover and Maria
Harry Coy, Chicago, Ill.....	Jessie and Jennie
James Gore, Chicago, Ill .....	Jimmie and Vintie Gore

First premium to James Gore, Chicago, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to S. D. Thompson, Wayne, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to Harry Coy, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

LOT 27—MISCELLANEOUS.

Coupe Horse to Coupe or Brougham.

No.	Name and Postoffice of Exhibitor.	Name of Animal.
331	E. A. Burdette, Chicago, Ill .....	Frank G.....
332	H. C. Taylor, Chicago, Ill.....	Captain .....
333	J. W. Wilson, Chicago, Ill.....	Duke .....
334	R. P. H. Durkee, Chicago, Ill.....	Sam .....
335	E. B. Sackett, Chicago, Ill.....	Rowdy .....
336	C. A. Munn, Chicago, Ill .....	Jerry .....
337	J. T. Lester, Chicago, Ill .....	

First premium to Duke, exhibited by R. P. H. Durkee, Chicago, Ill.—

Illinois State Board of Agriculture..... \$50 00

Second premium to Rowdy, exhibited by C. A. Mann, Chicago, Ill.—

Illinois State Board of Agriculture..... 25 00

Third premium to unnamed, exhibited by J. T. Lester, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Frank G, exhibited by E. A. Burdette, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

## Cart Horse to Cart.

No.	Name and Postoffice of Exhibitor.	Name of Animal.
338	H. H. Martindale, Chicago, Ill .....	Fred.....
339	A. J. Baxter, Chicago, Ill.....	Blue Gown.....
340	H. J. McFarland, Chicago, Ill.....	Prince.....
341	Fred Lee Reynolds, Chicago, Ill.....	No. 4.....
342	S. W. Allerton, Chicago, Ill.....	.....
343	James Frazier, Chicago, Ill.....	Peacock.....
344	O. C. Nelson, Chicago, Ill.....	Oglesby.....

First premium to Blue Gown, exhibited by A. J. Baxter, Chicago, Ill.—

Illinois State Board of Agriculture..... \$50 00

Second premium to unnamed, exhibited by F. L. Reynolds, Chicago, Ill.—

Illinois State Board of Agriculture..... 25 00

Third premium to Peacock, exhibited by James Frazier, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Oglesby, exhibited by O. C. Nelson, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

## Pair of Cobs to Mail Phaeton.

345	H. C. Taylor, Chicago, Ill .....	.....
346	C. N. Fay, Chicago, Ill .....	.....
347	J. D. Carson, Chicago, Ill.....	.....
348	O. C. Nelson, Chicago, Ill.....	Oglesby and Mate.....
349	James Frazier, Chicago, Ill.....	Bright Eyes and Merry Legs....
350	John Dupee, Jr., Chicago, Ill.....	.....
351	Charles Schwartz, Chicago, Ill.....	.....
352	H. C. Taylor, Chicago, Ill.....	.....

First premium to Charles Schwartz, Chicago, Ill.—

Illinois State Board of Agriculture..... \$50 00

Second premium to J. D. Carson, Chicago, Ill.—

Illinois State Board of Agriculture..... 25 00

Third premium to Hobart C. Taylor, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to O. C. Nelson, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

## Pair of Carriage Horses to Carriage.

W. T. Baker, Bolivia, Ill.....	Nellie and Mollie
H. H. Martindale, Chicago, Ill.....	Harry and Horace
S. W. Allerton, Chicago, Ill.....	.....
J. W. Wilson, Chicago, Ill.....	Captain and Colonel
R. P. H. Durkee, Chicago, Ill.....	Duke and Son

First premium to R. P. H. Durkee, Chicago, Ill.—

Illinois State Board of Agriculture..... \$50 00



Second premium to W. J. Wilson, Chicago, Ill.—

Illinois State Board of Agriculture..... \$25 00

Third premium to Samuel W. Allerton, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to H. H. Martindale, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

Brougham Team to Brougham or Coupe.

No.	Name and Postoffice of Exhibitor.	Name of Animal.
353	A. J. Baxter, Chicago, Ill.....	Blue Gown and Rebel.....
354	Potter Palmer, Chicago, Ill.....	Unnamed.....
355	S. W. Allerton, Chicago, Ill.....	".....
356	H. C. Taylor, Chicago, Ill.....	".....
357	Chas. Schwartz, Chicago, Ill.....	".....
358	John T. Lester, Chicago, Ill.....	Jenny and Mate.....
359	Mrs. N. Ludington, Chicago, Ill.....	Henry and Harry.....
360	E. L. Brewster, Chicago, Ill.....	Unnamed.....
361	Marshall Field, Chicago, Ill.....	".....
362	C. M. Henderson, Chicago, Ill.....	".....
363	John Dupee, Chicago, Ill.....	".....

First premium to Potter Palmer, Chicago, Ill.—

Illinois State Board of Agriculture..... \$50 00

Second premium to Samnel W. Allerton, Chicago, Ill.—

Illinois State Board of Agriculture..... 25 00

Third premium to Mrs. N. Ludington, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Marshall Field, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

Tandem Team.

A. J. Baxter, Chicago, Ill.....	Blue Grown and Rebel
Jas. R. Harvey, Chicago, Ill.....	Prince Edward and Earl
H. C. Taylor, Chicago, Ill.....	Unnamed
Jas. Frazier, Chicago, Ill.....	Kansas Jack and Peacock
J. R. Walker, Chicago, Ill.....	Unnamed
O. C. Nelson, Chicago, Ill.....	Oglesby and Mate

First premium to A. J. Baxter, Chicago, Ill.—

Illinois State Board of Agriculture..... \$50 00

Second premium to J. R. Walker, Chicago, Ill.—

Illinois State Board of Agriculture..... 25 00

Third premium to O. C. Nelson, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to J. R. Harvey, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

## Four in Hand Team.

W. T. Baker, Bolivia, Ill.....	Freeland, Head 'em, Mollie and Nellie Grant
H. J. McFarland, Chicago, Ill.....	Bob, Spy, Chief and Prince
Potter Palmer, Chicago, Ill.....	Unnamed
S. W. Allerton, Chicago, Ill.....	"
H. C. Taylor, Chicago, Ill.....	"
Chas. Schwartz, Chicago, Ill.....	"

First premium to Chas. Schwartz, Chicago, Ill.—

Illinois State Board of Agriculture.....	\$50 00
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Second premium to Potter Palmer, Chicago, Ill.—

Illinois State Board of Agriculture.....	25 00
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Third premium to H. J. McFarland, Chicago, Ill.—

Illinois State Board of Agriculture.....	15 00
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## Pony Tandem Team.

Michael Burke .....	Chicago, Illinois.
Willie Gleason .....	" "
F. Lee Reynolds.....	" "

First premium to Willie Gleason, Chicago, Ill.—

Illinois State Board of Agriculture.....	\$20 00
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Second premium to Michael Burke, Chicago, Ill.—

Illinois State Board of Agriculture.....	15 00
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Third premium to F. Lee Reynolds, Chicago, Ill.—

Illinois State Board of Agriculture.....	10 00
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## Lady Driving Single Horse to Buggy.

Mrs. S. J. Schermerhorn.....	Chicago, Illinois.
Mrs. R. S. Payne .....	" "
Mrs. J. H. Leonard.....	" "
Mrs. J. P. Johnson.....	" "
Mrs. M. W. Dunne.....	" "
Miss Payne.....	" "

First premium to Miss Payne, Chicago, Ill.—

Illinois State Board of Agriculture.....	\$50 00
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Second premium to Mrs. J. H. Leonard, Chicago, Ill.—

Illinois State Board of Agriculture.....	25 00
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Third premium to Mrs. R. S. Payne, Chicago, Ill.—

Illinois State Board of Agriculture.....	15 00
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Fourth premium to Mrs. M. W. Dunne, Chicago, Ill.—

Illinois State Board of Agriculture.....	10 00
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## Lady Driving Pair to Pole.

Mrs. R. S. Payne.....	Chicago, Illinois.
Mrs. S. J. Schermerhorn .....	" "
Mrs. J. H. Leonard.....	" "
Mrs. J. P. Johnson.....	" "
Mrs. M. W. Dunne .....	" "
Miss Payne.....	" "



First premium to Miss. Payne, Chicago, Ill.—

Illinois State Board of Agriculture..... \$50 00

Second premium to Mrs. J. H. Leonard, Chicago, Ill.—

Illinois State Board of Agriculture..... 25 00

Third premium to Mrs. S. J. Schermerhorn, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Mrs. J. P. Johnson, Chicago, Ill.—

Illinois State Board of Agriculture..... 10 00

## LOT 28—FRENCH DRAFT.

Stallion 4 years old or over.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
364	Dillon Bros., Normal, Ill.....	1883	Honesty B.....
365	Sass & Miller, Ancona, Ill .....	1883	Monton.....
366	“ “ .....	1883	Negro. ....
367	“ “ .....	1883	Porthos. ....
368	“ “ .....	1883	Vaillant. ....
369	“ “ .....	1883	Monte Cristo.....
370	Degen Bros., Ottawa, Ill .....	.....	Voltaire XI.....
371	B. L. Rogers, Lyons, Ia. ....	1882	Brilliant.....
372	John Virgin, Fairbury, Ill .....	.....	Forzron. ....
373	“ “ .....	.....	Prouder. ....
374	T. G. Riley, Forest, Ill.....	1880	Marquis. ....
375	“ “ .....	1880	General Forrest.....
376	Shanbach & Eaton, Tonica, Ill.....	1882	Tritonia. ....

First premium to Honesty B., exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture..... \$30 00  
The Appleton Manufacturing Co..... 115 00  
R. B. Crouch & Co ..... 5 00

Total ..... \$150 00

Second premium to Gen. Forrest, exhibited by Thomas G. Riley, Forest, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Tritonia, exhibited by Shanback & Eaton, Tonica, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Monton, exhibited by Sass & Miller, Ancona, Ill.—

Illinois State Board of Agriculture..... 10 00

Stallion 3 and under 4 years.

377	Degen Bros., Ottawa, Ill .....	1884	Fenilleton.....
378	John Virgin & Co., Fairbury, Ill.....	1884	Paupin .....
379	“ “ .....	1884	Parrott .....
380	“ “ .....	1884	Colin .....
381	“ “ .....	1884	Soudan .....
382	“ “ .....	1884	Chasseur .....

First premium to Colin, exhibited by John Virgin & Co., Fairbury; Ill.—

Illinois State Board of Agriculture.....	\$30 00
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Second premium to Soudan, exhibited by John Virgin & Co., Fairbury, Ill.—

Illinois State Board of Agriculture.....	20 00
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Third premium to Paupin, exhibited by John Virgin & Co., Fairbury, Ill.—

Illinois State Board of Agriculture.....	15 00
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Fourth premium to Fennilton, exhibited by Degen Bros., Ottawa, Ill.—

Illinois State Board of Agriculture.....	10 00
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Stallion 2 and under 3 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
383	Sass & Miller, Aucona, Ill.....	1885	Beau Noir.....
384	John Virgin & Co., Fairbury, Ill.....	1885	Abelon .....
385	Thos. G. Riley, Forest, Ill.....	1885	Jumbo.....

First premium to Beau Noir, exhibited by Sass & Miller, Ancona, Ill.—

Illinois State Board of Agriculture.....	\$30 00
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Second premium to Abelon, exhibited by John Virgin & Co., Fairbury, Ill.—

Illinois State Board of Agriculture.....	20 00
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Third premium to Jumbo, exhibited by T. G. Riley, Forest, Ill.—

Illinois State Board of Agriculture.....	15 00
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Mare 4 years old or over.

386	Dillon Bros., Normal, Ill.....	1881	Dimmitt.....
387	“ “ .....	1883	Linnet B.....

First premium to Linnet B., exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture.....	\$30 00
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Indiana State Board of Agriculture.....	\$60 00
Dr. Cregar.....	5 00

Total .....	\$35 00
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Second premium to Dimmitt, exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture.....	20 00
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Mare 3 and under 4 years.

388	Dillon Bros., Normal, Ill .....	1884	Surprise.....
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First premium to Surprise, exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture.....	\$30 00
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## Mare 3 and under 4 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
389	Dillon Bros., Normal, Ill .....	1885	Melissa B.....
390	John Virgin & Co., Fairbury, Ill.....	1885	Mina.....

First premium to Mina, exhibited by John Virgin & Co., Fairbury, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Melissa B., exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture..... 20 00

## LOT 29—PERCHERON.

## Stallion 4 years old or over.

391	Degen Bros., Ottawa, Ill.....	1883	Bonvreiul.....
392	Jas. D. Beckett, Chicago, Ill .....	1883	Angot.....
393	Leonard Johnson, Northfield, Minn. ....	1882	Gilbert .....
394	“ “ “ “ .....	1882	Briard .....
395	“ “ “ “ .....	1883	Vert Gallaut.....
396	M. W. Dunham, Wayne, Ill.....	1880	Stradat 7112.....
397	“ “ “ “ .....	1882	Cheri 5614 .....
398	M. S. Malony, Jr , Belvidere, Ill.....	1878	Corsican 1299.....

First premium to Gilbert, exhibited by Leonard Jonhson, Northfield, Minn.—

Illinois State Board of Agriculture..... \$30 00

R. B. Crouch & Co..... 5 00

Total ..... \$35 00

Second premium to Cheri 5614, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Bonvreiul, exhibited by Degen Bros., Ottawa, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Corsican 1299, exhibited by M. S. Malony, Jr., Belvidere, Ill.—

Illinois State Board of Agriculture..... 10 00

## Stallion 3 and under 4 years.

399	Degen Bros, Ottawa, Ill.....	1884	Bernadotte.....
400	Jas. D. Becket, Chicago, Ill.....	1884	Madere XI.....
401	“ “ “ “ .....	1884	Romeo.....
402	M. W. Dunham, Wayne, Ill.....	1884	Pollux 6984 .....
403	“ “ “ “ .....	1884	Pacha 6977.....
404	“ “ “ “ .....	1884	Venteur 6995.....
405	“ “ “ “ .....	1884	Atilla 7015.....
406	“ “ “ “ .....	1884	Lerida 6969.....

First premium to Pacha 6977, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Venteur 6995, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... \$20 00

Third premium to Bernadotte, exhibited by Degen Bros., Ottawa, Ill.—

Illinois State Board of Agriculture..... 15 00

Stallion 2 and under 3 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
407	Leonard Johnson, Northfield, Minn.....	1885	Leopold .....
408	M. W. Dunham, Wayne, Ill.....	1885	Absalom 7017.....
409	“ “ “ .....	1885	Gastronome .....

First premium to Gastronome, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Leopold, exhibited by Leonard Johnson, Northfield, Minn.—

Illinois State Board of Agriculture..... 20 00

Third premium to Absalom, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... 15 00

Mare 4 years old and over.

410	Dillon Bros., Normal, Ill.....	1876	Modesty G... ..
411	“ “ “ .....	1880	Lorilee.....
412	“ “ “ .....	1883	Essie G.....
413	Degen Bros., Ottawa, Ill.....	.....	Tulip.....
414	Leonard Johnson, Northfield, Minn.....	1883	Sada.....
415	M. W. Dunham, Wayne, Ill.....	1882	Mascotte 6927.....
416	“ “ “ .....	1882	Bijourie 2759.....
417	“ “ “ .....	1882	Giaria 2755 .....
418	“ “ “ .....	1882	Favorita 4360.....

First premium to Modesty G., exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture..... \$30 00

Dr. Cregar..... 5 00

Total..... \$35 00

Second premium to Mascotte, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Lorilee, exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Essie G., exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture..... 10 00



Mare 3 and under 4 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
419	Dillon Bros., Normal, Ill.....	1884	Anna G.....
420	Leonard Johnson, Northfield, Minn.....	1884	Messagere 5129.....
421	M. W. Dunham, Wayne, Ill.....	1884	Zoe 6930.....
422	“ “ .....	1884	Babie 7129.....
423	“ “ .....	1884	Fregate 5639.....

First premium to Messagere, exhibited by Leonard Johnson, Northfield, Minn.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Anna G., exhibited by Dillon Bros., Normal, Ill.—

Illinois State Board of Agriculture..... 20 00

Mare 2 and under 3 years.

424	M. W. Dunham, Wayne, Ill.....	1885	Margot 5658.....
425	“ “ .....	1885	Lancette 5672.....
426	“ “ .....	1885	Julia 5676.....
427	“ “ .....	1885	Medora 4386.....
428	“ “ .....	1885	Mirane 4379.....
429	“ “ .....	1885	Rosaline 5176.....
430	“ “ .....	1885	Rafale 4391.....

First premium to Julia, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Rafale, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Margot, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Lancette, exhibited by M. W. Dunham, Wayne, Ill.—

Illinois State Board of Agriculture..... 10 00

AMERICAN PERCHERON HORSE BREEDERS' ASSOCIATION.

LOT 29½ —STALLIONS.

Stallion 4 years old or over.

391	Degen Bros., Ottawa, Ill.....	1883	Bonvreiul .....
393	Leonard Johnson, Northfield, Minn.....	1882	Gilbert .....
394	“ “ .....	1882	Briard .....
395	“ “ .....	1883	Vert Gallant.....
396	M. W. Dunham, Wayne, Ill.....	1880	Stradat 7112 .....
397	“ “ .....	1882	Cheri 5614 .....

First premium, \$60, to Gilbert, exhibited by Leonard Johnson, Northfield, Minn.

Second premium, \$30, to Cheri 5614, exhibited by M. W. Dunham, Wayne, Ill.

Third premium, \$15, to Bonvreiul, exhibited by Degen Bros., Ottawa, Ill.

## Stallion 3 and under 4 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
399	Degen Bros., Ottawa, Ill. ....	1884	Bernadotte .....
402	M. W. Dunham, Wayne, Ill. ....	1884	Pollux 6984 .....
403	" " " " .....	1884	Pacha 6977 .....
404	" " " " .....	1884	Venteur 6995 .....
405	" " " " .....	1884	Attila 7015 .....
406	" " " " .....	1884	Lerida 6969 .....

First premium, \$60, to Venteur 6995, exhibited by M. W. Dunham, Wayne, Ill.

Second premium, \$30, to Pacha 6977, exhibited by M. W. Dunham, Wayne, Ill.

Third premium, \$15, to Bernadotte, exhibited by Degen Bros., Ottawa, Ill.

## Stallion 2 and under 3 years.

407	Leonard Johnson, Northfield, Minn. ....	1885	Leopold .....
408	M. W. Dunham, Wayne, Ill. ....	1885	Absalon 7017 .....
409	" " " " .....	1885	Gastronome .....

First premium, \$60, to Gastronome, exhibited by M. W. Dunham, Wayne, Ill.

Second premium, \$30, to Leopold, exhibited by Leonard Johnson, Northfield, Minn.

Third premium, \$15, to Absalon 7017, exhibited by M. W. Dunham, Wayne, Ill.

## Stallion 1 and under 2 years.

Name and Postoffice of Exhibitor.		Date of birth.	Name of Animal.
M. W. Dunham, Wayne, Ill. ....		1886	Brisudan 5335 .....
" " " " .....		1886	Berisson 4336 .....
" " " " .....		1886	Brannock 5688 .....

No premiums awarded in above ring.

## Stallion Colt under 1 year.

Degen Bros, Ottawa, Ill. ....	1887	Porthos .....
" " " " .....	1887	Attila .....
Dillon Bros., Normal, Ill. ....	1887	When .....
M. W. Dunham, Wayne, Ill. ....	1887	Bavardo 7236 .....
" " " " .....	1887	Barrett 7237 .....
" " " " .....	1887	Balliett 7161 .....

First premium, \$60, to Attila, exhibited by Degen Bros., Ottawa, Ill.

Second premium, \$30, to When, exhibited by Dillon Bros., Normal, Ill.

Third premium, \$15, to Porthos, exhibited by Degen Bros., Ottawa, Ill.



## Mare 4 years old or over.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
414	Leonard Johnson, Northfield, Minn .....	1883	Sada .....
410	Dillon Bros., Normal, Ill.....	1876	Modesty G.....
411	" " .....	1880	Lorelie G. ....
412	" " .....	1883	Essie G.....
415	M. W. Dunham, Wayne, Ill .....	1882	Mascotte 6927.....
416	" " .....	1882	Bijourie 2759.....
417	" " .....	1882	Giaria 2755 .....
418	" " .....	1882	Favorita 4360.....
	" " .....	1872	Adelaide 519.....
	" " .....	1881	Bertha 5340.....

First premium, \$60, to Modesty G, exhibited by Dillon Bros., Normal, Ill.

Second premium, \$30, to Bertha 5340; exhibited by Dillon Bros., Normal, Ill.

Third premium, \$15, to Lorelie G., exhibited by Dillon Bros., Normal, Ill.

## Mare 3 and under 4 years.

420	Leonard Johnson, Northfield, Minn .....	1884	Messagere 5129.....
419	Dillon Bros., Normal, Ill.....	1884	Anna G.....
421	M. W. Dunham, Wayne, Ill.....	1884	Zoe 6930 .....
422	" " .....	1884	Babie 7129 .....
423	" " .....	1884	Fregate 5639.....

First premium, \$60, to Anna G, exhibited by Dillon Bros., Normal, Ill.

Second premium, \$30, to Messagere, exhibited by Leonard Johnson; Northfield, Minn.

## Mare 2 and under 3 years.

424	M. W. Dunham, Wayne, Ill.....	1885	Margot 5658 .....
425	" " .....	1885	Lancette 5672.....
426	" " .....	1885	Julia 5676 .....
427	" " .....	1885	Medora 4386.....
428	" " .....	1885	Mirane .....
429	" " .....	1885	Rosaline 5176.....
430	" " .....	1886	Rafale 4391.....

No premiums awarded in the above ring.

## Mare 1 and under 2 years.

Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
Dillon Bros., Normal, Ill.....	1886	Roxy G.....
M. W. Dunham, Wayne, Ill.....	1886	Merine 5698 .....
" " .....	1886	Fateina 7136.....
" " .....	1886	Pandore 7153.....

First premium, \$60, to Fateina, exhibited by M. W. Dunham, Wayne, Ill.

Second premium, \$30, to Pandore, exhibited by M. W. Dunham, Wayne, Ill.

Third premium, \$15, to Roxy G., exhibited by Dillon Bros., Normal, Ill.

## Mare Colt under 1 year.

M. W. Dunham, Wayne, Ill.....	1887	Gypsy Girl 7329 .....
" " .....	1887	Annie 7337 .....

No premium awarded in above ring.

## BREEDING RING.

Best Breeding Stallion shown with 5 or more of his Colts.

Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
M. W. Dunham, Wayne, Ill .....	1876	Brilliant 1271.....

No premium awarded in above ring.

Best Brood Mare shown with 2 or more of her Colts.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
411	Dillon Bros., Normal, Ill.....	1880	Lorelie G.....
	M. W. Dunham, Wayne, Ill.....	1882	Isuda 2214.....
	" .....	1882	Mere 2775.....

No premium awarded in above ring.

## LOT 30—BELGIAN. (Full Blood.)

Stallion 4 years old and over.

430	Degen Bros., Ottawa, Ill.....	1880	Major.....
431	B. L. Rogers, Lyons, Iowa.....	.....	Sultan 74 .....
432	Wabash Importing Co., Wabash, Ind.....	1883	Hercules.....
433	" .....	1883	Bayard 62.....
434	" .....	1882	Brilliant.....
435	" .....	1883	Baron.....

First premium to Sultan, exhibited by B. L. Rogers, Lyons, Iowa.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Major, exhibited by Degen Bros., Ottawa, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Baron, exhibited by the Wabash Importing Co., Wabash, Ind.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Bayard, exhibited by Wabash Importing Co., Wabash, Ind.—

Illinois State Board of Agriculture..... 10 00

Stallion 3 and under 4 years.

436	Dyer Bros., Ottawa, Ill.....	1884	Julius Cæsar .....
437	" .....	1884	Sultan II.....
438	Wabash Importing Co., Wabash, Ind.....	1884	Burgoyne .....
439	" .....	1884	Lion.....
440	" .....	1884	Bayard 65.....

First premium to Julius Cæsar, exhibited by Degen Bros., Ottawa, Ill.—

Illinois State Board of Agriculture..... \$30 00



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\$20 00

15 00

10 00

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\$30 00

20 00

15 00

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\$30 00

5 00

\$35 00

20 00

Third premium to The Milroy, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture..... \$15 00

Fourth premium to Tip Top, exhibited by Henry Bros., Indianapolis, Ind.—

Illinois State Board of Agriculture..... 10 00

Stallion 3 and under 4 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
463	Robert Holloway, Alexis, Ill.....	1884	Pointsman Again.....
464	Galbraith Bros., Janesville, Wis.....	1884	Blantyre Chief .....
465	“ “ “ “ .....	1884	Hollywood .....
466	Banks & Hilt, La Porte, Ind .....	1884	Grand Type 3269 .....
467	John C. Huston, Blandinsville, Ill.....	1884	The Mahdi .....
468	“ “ “ “ .....	1884	Sir Christopher .....
469	“ “ “ “ .....	1884	MacBrayne .....
470	“ “ “ “ .....	1884	Millimain .....
471	Blair Bros. & Curry, Aurora, Ill .....	1884	Lead the Way .....
472	Wm. Moffatt & Bro., Paw Paw Ill.....	1884	Baron Victor 2415 ..
473	Raeside Bros., Waukegan, Ill. ....	1884	Tamworth.....

First premium to The Mahdi, exhibited by John C. Huston, Blandinsville, Ill.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Millimain, exhibited by John C. Huston, Blandinsville, Ill.—

Illinois State Board of Agriculture..... 20 00

Third premium to Hollywood, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture..... 15 00

Fourth premium to Sir Christopher, exhibited by J. C. Huston, Blandinsville, Ill.—

Illinois State Board of Agriculture..... 10 00

Stallion 2 and under 3 years.

474	Door Prairie Live Stock Ass'n, Door Village, Ind.	1885	Laird of Moray.....
475	Robert Holloway, Alexis Ill .....	1885	Steadfast .....
476	Galbraith Bros., Janesville, Wis.....	1885	Earl of Tornorrock .....
477	“ “ “ “ .....	1885	Dollar Yet .....
478	“ “ “ “ .....	1885	Graham's Fancy.....
479	“ “ “ “ .....	1885	Bengullion .....
486	Wm. Moffatt & Bro., Paw Paw, Ill.....	1885	Corsair 3d .....
487	Raeside Bros., Waukegan, Ill.....	1885	The Leader.....
488	R. B. Ogilvie, Madison, Wis .....		McQueen .....
489	“ “ “ “ .....		Gladstone of Oak Park.....
480	Banks & Hilt, La Porte, Ind .....	1885	Bellaire of Oakland 2157.....
481	Alex Hunter, Caladonia, Ill.....	1885	Lord James .....
482	John C. Huston, Blandinsville, Ill.....	1885	Diamond Cross.....
483	“ “ “ “ .....	1885	Wrangler.....
484	“ “ “ “ .....	1885	Privateer .....
485	“ “ “ “ .....	1885	Auchenbowie.....

First premium to McQueen, exhibited by R. B. Ogilvie, Madison, Wis.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Diamond Cross, exhibited by J. C. Huston, Blandinsvills, Ill.—

Illinois State Board of Agriculture..... 20 00



Third premium to Dollar Yet, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture.....	\$15 00
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Fourth premium to Privateer, exhibited by J. C. Huston, Blandinsville, Ill.—

Illinois State Board of Agriculture.....	10 00
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Mare 4 years old or over.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
490	Door Prairie Live Stock Assn., Door Village, Ind.	1876	Leoline.....
491	Robt. Holloway, Alexis, Ill.....	1879	Cherry Ripe.....
492	Galbraith Bros., Janesville, Wis.....	1880	Beauty .....
493	J. C. Huston, Blandinsville, Ill.....	1881	Darling .....
494	Raeside Bros., Wankegan, Ill.....	1881	Gracey .....
495	R. B. Ogilvie, Madison, Wis.....	1876	Netty of Jordanston.....
496	" " ".....	1880	Olive of Jordanston.....

First premium to Cherry Ripe, exhibited by Robt. Holloway, Alexis, Ill.—

Illinois State Board of Agriculture .....	\$30 00
Dr. Cregar .....	5 00

Total .....	\$35 00
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Second premium to Nettie of Jordanston, exhibited by R. B. Ogilvie, Madison, Wis.—

Illinois State Board of Agriculture .....	20 00
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Third premium to Darling, exhibited by J. C. Huston, Blandinsville, Ill.—

Illinois State Board of Agriculture .....	15 00
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Fourth premium to Beauty, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture .....	10 00
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Mare 3 and under 4 years.

497	Galbraith Bros., Janesville, Wis.....	1884	Lily .....
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First premium to Lily, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture.....	\$30 00
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Mare 2 and under 3 years.

498	Robt. Holloway, Alexis, Ill .....	1885	Minnie Tarbroech .....
499	“ “ .....	1885	Belle Tarbroech .....
500	Banks & Hilt, La Porte, Ind .....	1885	Sarah 2791 .....
501	R. B. Ogilvie, Madison, Wis.....	1885	Queen of Lyons .....

First premium to Belle Tarbroech, exhibited by Robt. Holloway, Alexis, Ill.—

Illinois State Board of Agriculture.....	\$30 00
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Second premium to Minnie Tarbroech, exhibited by Robt. Holloway, Alexis, Ill.—

Illinois State Board of Agriculture.....	20 00
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Third premium to Queen of Lyons, exhibited by R. B. Ogilvie, Madison, Wis.—

Illinois State Board of Agriculture.....	15 00
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## AMERICAN CLYDESDALE ASSOCIATION PREMIUMS.

LOT 31 $\frac{1}{2}$ —RECORDED CLYDESDALES.

Stallion 4 years old or over.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
444	Robt. Holloway, Alexis, Ill .....	1875	Cedric .....
445	" " .....	1882	Simple Jamie .....
446	" " .....	1881	St. Cuthbert .....
447	Galbraith Bros., Janesville, Wis .....	1877	Glencoe .....
448	" " .....	1883	The Milroy .....
449	" " .....	1883	Young Sanquhar .....
450	" " .....	1881	Sensation .....
453	Jno. C. Huston, Blandinsville, Ill .....	1883	Salisbury .....
454	" " .....	1884	Robert the Bruce .....
459	Henry Bros., Indianapolis, Ind .....	1881	Tip Top 2479 .....
461	Wm. Moffatt, Paw Paw, Ill .....	1881	Conningsly .....

First premium, \$60, to The Milroy, exhibited by Galbraith Bros., Janesville, Wis.

Second premium, \$30, to Robert the Bruce, exhibited by J. C. Huston, Blandinsville, Ill.

Third premium, \$15, to Cedric, exhibited by Robt. Holloway, Alexis, Ill.

Fourth premium, highly commended, to St. Cuthbert, exhibited by Robt. Holloway, Alexis, Ill.

Fifth premium, commended, to Salisbury, exhibited by J. C. Huston, Blandinsville, Ill.

Stallion 3 and under 4 years.

463	Robt. Holloway, Alexis, Ill .....	1884	Pointsman Again .....
464	Galbraith Bros., Janesville, Wis .....	1884	Blantyre Chief .....
465	" " .....	1884	Hollywood .....
466	Banks & Hilt, La Porte, Ind .....	1884	Grand Type .....
467	John C. Huston, Blandinsville, Ill .....	1884	The Mahdi .....
468	" " .....	1884	Sir Christopher .....
469	" " .....	1884	Mac Brayne .....
470	" " .....	1884	Millimain .....

First premium, \$60, to The Mahdi, exhibited by J. C. Huston, Blandinsville, Ill.

Second premium, \$30, to Sir Christopher, exhibited by J. C. Huston, Blandinsville, Ill.

Third premium, \$15, to Millimain, exhibited by J. C. Huston, Blandinsville, Ill.

Fourth premium, highly commended, to Pointsman Again, exhibited by Robt. Holloway, Alexis, Ill.

Fifth premium, commended, to Mac Brayne, exhibited by J. C. Huston, Blandinsville, Ill.

Stallion 2 and under 3 years.

474	Door Prairie Live Stock Ass'n, Door Village, Ind.	1885	Laird of Moray .....
475	Robert Holloway, Alexis, Ill .....	1885	Steadfast .....
476	Galbraith Bros., Janesville, Wis .....	1885	Earl of Tornorrock .....
477	" " .....	1885	Dollar Yet .....
478	" " .....	1885	Graham's Fancy .....
479	" " .....	1885	Bengullion .....
482	Jno. C. Huston, Blandinsville, Ill .....	1885	Diamond Cross .....
483	" " .....	1885	Wrangler .....
484	" " .....	1885	Privateer .....
485	" " .....	1885	Auchenbowie .....
486	Wm. Moffatt & Bro., Paw Paw, Ill .....	1885	Corsair 3d .....
488	R. B. Ogilvie, Madison, Wis .....	1885	McQueen .....



First premium, \$60, to McQueen, exhibited by R. B. Ogilvie, Madison, Wis.

Second premium, \$30, to Diamond Cross, exhibited by J. C. Huston, Blandinsville, Ill.

Third premium, \$15, to Dollar Yet, exhibited by Galbraith Bros., Janesville, Wis.

Fourth premium, high commended, Privateer, exhibited by J. C. Huston, Blandinsville, Ill.

Fifth premium, commended, Bengullion, exhibited by Galbraith Bros, Janesville, Wis.

Stallion 1 and under 2 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
502	Robert Holloway, Alexis, Ill.....	1886	Cairnbrogie 1st.....
503	“ “ “.....	1886	Cairnbrogie 2d.....
504	“ “ “.....	1886	Handsome.....
505	Raeside Bros, Waukegan, Ill.....	1886	King Lear.....
506	A. Z. Blodgett, Waukegan, Ill.....	1886	King George.....

First premium, \$60, to Cairnbrogie 2d, exhibited by Robert Holloway, Alexis, Ill.

Second premium, \$30, to Cairnbrogie 1st. exhibited by Robert Holloway Alexis, Ill.

Third premium, \$15, to Handsome, exhibited by Robert Holloway, Alexis, Ill.

Fourth premium, highly commended, King Lear, exhibited by Raeside Bros., Waukegan, Ill.

Fifth premium, commended, King George, exhibited by A. Z. Blodgett, Waukegan, Ill

Stallion Colt under 1 year.

507	Robert Holloway, Alexis, Ill.....	1887	Cloth of Gold.....
508	“               “               “.....	1887	Stalwart.....
909	A. Z. Blodgett, Waukegan, Ill:.....	1887	King Harry 3486 .....

First premium \$60, to Cloth of Gold, exhibited by Robert Holloway, Alexis, Ill.

Second premium, \$30, to Stalwart, exhibited by Robert Holloway, Alexis, Ill.

Third premium, \$15, to King Harry 3486, exhibited by A. Z. Blodgett, Waukegan, Ill.

Mare 4 years old and over.

490	Door Prairie Live Stock Ass'n, Door Village, Ind.	1876	Leoline.....
491	Robert Holloway, Alexis, Ill.....	1879	Cherry Ripe.....
494	Raeside Bros., Waukegan, Ill.....	1881	Gracey.....
493	Jno. C. Huston, Blandinsville, Ill.....	1881	Darling.....
492	Galbraith Bros., Janesville, Wis.....	1880	Beauty.....
495	R. B. Ogilvie, Madison, Wis.....	1876	Netty of Jordanston.....

First premium, \$60, to Cherry Ripe, exhibited by Robert Holloway, Alexis, Ill.

Second premium, \$30, to Netty of Jordanston, exhibited by R. B. Ogilvie, Madison, Wis.

Third premium, \$15, to Beauty, exhibited by Galbraith Bros., Janesville, Wis.

Fourth premium, highly commended, Leoline, exhibited by Door Prairie Live Stock Association, Door Village, Ind.

Fifth premium, commended, Darling, exhibited by J. C. Hunton, Blandinsville, Ill.

Mare 3 and under 4 years.

497	Galbraith Bros., Janesville, Wis.....	1884	Lily.....
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First premium, \$60, to Lily, exhibited by Galbraith Bros., Janesville, Wis.

Mare 2 and under 3 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
493	Robert Holloway, Alexis, Ill.....	1885	Minnie Tarbroech.....
499	" " " " .....	1885	Belle Tarbroech.....
500	Banks & Hilt, LaPorte, Ind.....	1885	Sarah.....
510	Jno. C. Huston, Blandinsville, Ill.....	1885	Maud of Oak Grove.....
501	R. B. Ogilvie, Madison, Wis.....	1885	Queen of Lyons.....

First premium, \$60, to Minnie Tarbroech, exhibited by R. Holloway, Alexis, Ill.

Second premium, \$30, to Belle Tarbroech, exhibited by R. Holloway, Alexis, Ill.

Third premium, \$15, to Queen of Lyons, exhibited by R. B. Ogilvie, Madison, Wis.

Fourth premium, highly commended, Sarah, exhibited by Banks & Hilt, LaPorte, Ind.

Mare 1 and under 2 years.

511	Robert Holloway, Alexis, Ill.....	1886	St. Cuthbert's Daisy.....
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Premium, \$60, to St. Cuthbert's Daisy, exhibited by Robert Holloway, Alexis, Ill.

Mare Colt under 1 year.

512	Robert Holloway, Alexis, Ill.....	1887	St. Cuthbert's Maggie.....
513	“ “ .....	1887	Beautiful Princess.....
514	Galbraith Bros., Janesville, Wis.....	1887	Melody .....
515	A. Z. Blodgett, Wankegan, Ill.....	1887	Bonnie Maggie 2485.....

First premium, \$60, to St. Cuthbert's Maggie, exhibited by R. Holloway, Alexis, Ill.

Second premium, \$30, to Beautiful Princess, exhibited by R. Holloway, Alexis, Ill.

Third premium, \$15, to Bonnie Maggie 3485, exhibited by A. Z. Blodgett, Waukegan, Ill.

Fourth premium, highly commended, Melody, exhibited by Galbraith Bros., Janesville, Wis.

LOT 32—ENGLISH SHIRE. (Full Blood.)

Stallion 4 years old or over.

516	Geo. E. Brown & Co., Aurora, Ill.....	1882	Holland Major.....
517	“ “ “.....	1883	King John.....
518	Galbraith Bros., Janesville, Wis.....	1881	Agricola (2700).....
519	“ “ “.....	1882	Caractus.....
520	“ “ “.....	1883	Buckden.....
521	“ “ “.....	1883	The Centaur.....
522	Jas. D. Becket, Chicago, Ill.....	1883	King Spark.....
523	Blair Bros. & Curry, Aurora, Ill.....	1883	Stockley Tom.....
524	“ “ “.....	1882	Saxon.....
525	“ “ “.....	1882	Blythe Tom.....
526	Burgess Bros., Wenona, Ill.....	1876	Beaconsfield the 2d.....
527	“ “ “.....	1883	Broughton Prince.....
528	Cater Bros., Libertyville, Ill.....	1880	Top Gallant.....

First premium to Caractacus, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture.....	\$30 00
Challenge Wind Mill and Feed Mill Co., (Feed Grinder).....	75 00
R. B. Crouch & Co .....	5 00
<b>Total .....</b>	<b>\$110 00</b>



Second premium to Holland Major, exhibited by G. E. Brown & Co., Aurora, Ill.—

Illinois State Board of Agriculture ..... \$20 00

Third premium to Agricola, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture ..... 15 00

Fourth premium to The Centaur, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture ..... 10 00

Stallion 3 and under 4 years.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
529	Geo. E. Brown & Co., Aurora, Ill. ....	1884	Lord Byron.....
530	“ “ “ “ .....	1884	Don Pedro .....
531	“ “ “ “ .....	1884	Knight Templar.....
532	“ “ “ “ .....	1884	Lincoln .....
533	“ “ “ “ .....	1884	Portland Wonder.....
534	“ “ “ “ .....	1884	Carter.....
535	“ “ “ “ .....	1884	Eagle.....
536	Galbraith Bros., Janesville Wis.....	1884	Prince Royal.....
537	“ “ “ “ .....	1884	Satisfaction 5327.....
538	“ “ “ “ .....	1884	Bold Prince (4263).....
539	“ “ “ “ .....	1884	Ambassador 3d (4206).....
540	Blair Bros & Curry, Aurora, Ill.....	1884	Masterpiece (5200).....
541	Burgess Bros., Wenona, Ill.....	1884	Arbitrator (4208) .....
542	“ “ “ “ .....	1884	Lothair (5184).....
543	Cater Bros., Libertyville, Ill.....	1884	Jubilee.....
544	Blair Bros. & Curry, Aurora.....	1884	Blythe Matchless.....

First premium to Arbitrator, exhibited by Burgess Bros., Wenona, Ill.—

Illinois State Board of Agriculture ..... \$30 00

Second premium to Lothair, exhibited by Burgess Bros., Wenona, Ill.—

Illinois State Board of Agriculture ..... 20 00

Third premium to Prince Royal, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture ..... 15 00

Fourth premium to Don Pedro, exhibited by Geo. E. Brown & Co., Aurora, Ill.—

Illinois State Board of Agriculture ..... 10 00

Stallion 2 and under 3 years.

545	Geo. E. Brown & Co., Aurora, Ill.....	1885	Harold Champion.....
546	“ “ “ “ .....	1885	Top Gallant. ....
547	“ “ “ “ .....	1885	Aurora Champion.....
548	“ “ “ “ .....	1885	Hartington.....
549	“ “ “ “ .....	1885	Bay Chapel.....
550	“ “ “ “ .....	1885	Deeping Ploughboy.....
551	“ “ “ “ .....	1885	Active .....
552	“ “ “ “ .....	1885	Proud Tom.....
553	Galbraith Bros., Janesville, Wis.....	1885	Sir Roger 2d 5348.....
554	“ “ “ “ .....	1885	Grove Spark.....
555	“ “ “ “ .....	1885	Carlton Thumper.....
556	“ “ “ “ .....	1885	Sprobro Matchless.....
557	Stericker Bros., Springfield, Ill.....	1885	Sergeant.....
558	Jas. D. Becket, Chicago, Ill.....	1885	Brown Prince 4918.....
559	Burgess Bros., Wenona, Ill.....	1885	Dauntless. ....
560	“ “ “ “ .....	1885	John O'Gaunt.....

First premium to Carlton Thumper, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture.....	\$30 00
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Second premium to Sir Roger 2d 5348, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture.....	20 00
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Third premium to Dauntless, exhibited by Burgess Bros., Wenona, Ill.—

Illinois State Board of Agriculture.....	15 00
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Fourth premium to Grove Spark, exhibited by Galbraith Bros., Janesville, Wis.--

Illinois State Beard of Agriculture.....	10 00
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Mare 4 years old or over.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
561	Galbraith Bros., Janesville, Wis.....	1877	Queen of Merryton.....
562	Burgess Bros., Wenona, Ill.....	1883	Lady Beaconsfield.....
563	" " ".....	1882	Saltfleet, Camellia.....

First premium to Lady Beaconsfield, exhibited by Burgess Bros., Wenona, Ill.—

Illinois State Board of Agriculture .....	\$30 00
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Dr. Cregar .....	5 00
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Total .....	\$35 00
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Second premium to Saltfleet Camellia, exhibited by Burgess Bros., Wenona, Ill.—

Illinois State Board of Agriculture.....	20 00
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Third premium to Queen of Merryton, exhibited by Galbraith Bros., Janesville, Wis.—

Illinois State Board of Agriculture.....	12 00
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Mare 3 and under 4 years.

564	Stericker Bros., Springfield, Ill.....	1884	Sonsie.....
565	Blair Bros. & Curry, Aurora, Ill.....	1884	Queen of Trumps .....
566	Burgess Bros., Wenona, Ill.....	1884	Wenona Queen.....

First premium to Sonsie, exhibited by Stericker Bros., Springfield, Ill.—

Illinois State Board of Agriculture:.....	\$30 00
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Second premium to Queen of Trumps, exhibited by Blair Bros. & Curry, Aurora, Ill.--

Illinois State Board of Agriculture.....	20 00
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Mare 2 and under 3 years.

567	Blair Bros. & Curry, Aurora, Ill.....	1885	Hetty.....
568	“ “ “ “ .....	1885	The Princess.....

First premium to Hetty, exhibited by Blair Bros. & Curry, Aurora, Ill.—

Illinois State Board of Agriculture.....	\$30 00
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Second premium to *The Princess*, exhibited by Blair Bros. & Curry, Aurora, Ill.—

Illinois State Board of Agriculture.....	10 00
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LOT 32 $\frac{1}{2}$ —GOLD MEDALS.

Clydesdale Stallion.

No.	Name and Postoffice of Exhibitor.	Date of birth.	Name of Animal.
502	Robert Holloway, Alexis, Ill.....	1886	Cairnbrogie 1st.....

Premium, Gold Medal, to Cairnbrogie 1st, exhibited by Robert Holloway, Alexis, Ill.

Clydesdale Mare.

512	Robert Holloway, Alexis, Ill.....	1887	St. Cuthbert's Maggie.....
514	Galbraith Bros., Janesville, Wis.....	1887	Melody.....
500	Banks & Hilt, La Porte, Ind.....	1885	Sarah.....

Premium to Gold Medal, to St. Cuthbert's Maggie, exhibited by Robert Holloway, Alexis, Ill.

## LOT 33—GRADE DRAFT HORSES.

Stallion 4 years old or over.

569	R. J. Wilson, Hebron, Ind.....	1879	Jolly Jim.....
570	W. W. Baldwin, Chicago, Ill.....	1878	Young Niger.....
571	R. B. Ogilvie, Madison, Wis.....	.....	Bar None.....

First premium to Bar None, exhibited by R. B. Ogilvie, Madison, Wis.—

Illinois State Board of Agriculture..... \$30 00

Second premium to Jolly Jim, exhibited by R. J. Wilson, Hebron, Ind.—

Illinois State Board of Agriculture..... 20 00

Third premium to Young Niger, exhibited by W. W. Baldwin, Chicago, Ill.—

Illinois State Board of Agriculture..... 15 00

Stallion 3 and under 4 years.

572	Brewster Peabody, Allegan, Mich.....	1884	Time O'Day.....
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First premium to Time O'Day, exhibited by Peabody &amp; Brewster, Allegan, Mich.—

Illinois State Board of Agriculture..... \$30 00

## CLASS C—SHEEP.

ALLEN C. RUSH, SUPERINTENDENT.

No. of Pen.....	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
41	Stone, R. J., Stonington, Ill.	April 28, 1887	195	135	.69	Clipper.	Oxford
41	"	April 29, 1887	194	135	.69	Treadwell	"
41	"	April 26, 1885	927	190	.20	Champion	"
41	"	April 30, 1885	923	215	.23	Tuck	Hampshire
42	"	April 20, 1885	933	218	.23	Hudson	"
43	"	April 26, 1884	1,292	245	.19	Perfection	Oxford
43	"	April 20, 1886	568	157	.28	The Student	"
44	"	April 20, 1886	568	181	.32	Professor	"
44	"	April 22, 1885	931	177	.19	Dandy	½ Oxford, ½ Southdown
44	"	April 30, 1886	558	147	.26	Dick	"
45	"	April 25, 1886	563	141	.25	Tom	"
45	"	April 25, 1886	563	125	.22	Bill	"
45	"	April 28, 1887	195	83	.42	Elliott 2d	"
45	"	April 28, 1887	195	82	.42	Elliott	"
46	"	April 3, 1885	950	220	.23	Ed	Southdown
48	Potts & Son, J. H., Jacksonville, Ill.	April 25, 1885	959	208	.23	Allen	"
48	"	March 25, 1885	622	188	.30	Larry	"
49	"	February 15, 1886	573	177	.31	Elliott	"
49	"	February 23, 1887	259	102	.40	Charlie	"
49	"	February 28, 1887	619	170	.27	Gates	½ Southdown, ½ Cotswold
50	Harvey, T. W., Turlington, Neb.	March 3, 1885	981	226	.23	Remarkable	Southdown
50	"	March 2, 1885	982	216	.22	Graceful	"
50	"	May 3, 1885	981	206	.21	Non Such	"
51	"	March 1, 1886	618	297	.48	Exquisite	"
51	"	March 2, 1886	617	182	.29	Mutton Chops	"
51	"	May 3, 1885	920	238	.26	Turlington	"
52	"	March 3, 1885	920	210	.23	Elegance	"
52	"	March 3, 1885	920	192	.21	Pride	"
52	"	May 5, 1885	979	201	.20	Superb	"
53	"	May 3, 1886	555	171	.31	How Nice	"
53	"	May 3, 1886	555	178	.37	President	"
53	"	April 23, 1887	201	113	.56	Dandy	"
54	"	May 3, 1886	555	190	.24	Governor	"
54	"	May 5, 1886	553	192	.35	Standard	"
54	"	May 5, 1886	553	170	.31	Oloe Chief	"



58	Wells, F. F., Kenney, Ill.	April	25, 1884	1, 293	200	15 Model	1/2 Merino, 1/2 Cotswold.
59	Rundle, J. F., Birmingham, Mich.	March	25, 1885	959	256	27 Duke	Shropshire
59	"	February	1, 1886	646	218	34 Choice	"
59	"	February	16, 1887	266	120	45 Handy	"
60	"	March	16, 1885	968	245	25 Able	Hampshire
60	"	March	20, 1886	599	155	26 Mark	"
60	"	March	19, 1885	965	100	10 Warwick	1/2 Shropshire, 1/2 Cotswold.
61	"	March	15, 1887	239	207	86 A. H.	Hampshire
61	"	March	15, 1887	239	145	63 Canada	Leicester
61	"	March	17, 1886	602	173	29 Ohio	1/2 Southdown, 1/2 Cotswold.
62	"	May	6, 1886	552	150	27 Kentucky	Southdown
62	"	March	26, 1887	228	120	52 William	1/2 Shropshire, 1/2 Cotswold.
65	Geo. Allen & Son, Archie, Ill.	April	4, 1885	949	239	25 Dandy	Shropshire
65	"	March	29, 1885	955	247	26 Model	"
66	"	April	3, 1885	950	249	26 Beauty	"
66	"	May	9, 1884	1, 279	256	22 Bobby	3/4 Shropshire, 1/4 Oxford
67	"	May	27, 1886	531	177	33 Bobby 3d.	1/2 Shropshire, 1/2 Oxford
67	"	May	14, 1886	544	181	33 Ned 2d.	1/2 Shropshire, 1/2 Hampshire
67	"	May	14, 1886	544	207	36 Ned 3d.	"
68	"	May	25, 1886	533	173	32 Charley	Shropshire
68	"	April	21, 1885	932	213	23 Bobby 2d.	1/2 Shropshire, 1/2 Oxford
69	"	June	5, 1886	522	175	32 Model 2d.	Shropshire
69	"	April	12, 1886	576	170	29 Patent	"
69	"	January	4, 1887	309	154	50 Bar None	"
70	"	April	28, 1887	195	110	56 Charlie 2d.	"
70	"	May	2, 1887	191	112	58 Model 3d.	"
70	"	April	9, 1887	214	121	57 Bobby 4th.	3/4 Shropshire, 1/4 Oxford
70	"	April	16, 1887	207	127	61 Bobby 5th.	"
71	Newton, Mrs. Ann, Pontiac, Mich.	February	15, 1884	1, 364	240	18 Stanford	Southdown
71	"	March	10, 1885	974	250	20 Anderson	"
71	"	March	15, 1886	604	171	28 Beatty	"
71	"	March	18, 1884	1, 331	244	18 Allen	Shropshire
71	"	February	10, 1886	637	205	32 Bradburn	"
71	"	February	12, 1887	270	113	42 Bradburn, Jr.	"
71	"	January	13, 1885	1, 030	281	27 Keene	Hampshire
71	"	April	28, 1885	925	233	26 Rowfant	"
71	"	March	12, 1886	607	206	34 Lampton	"
71	"	April	14, 1886	574	195	34 Bart	"
71	"	April	27, 1887	196	91	46 Hood	"
71	"	April	17, 1887	206	89	43 Dundry	"
71	"	January	29, 1885	1, 014	242	24 Blodgett	Oxford
71	"	February	28, 1885	984	236	24 Blodgett, Jr.	"
71	"	February	18, 1886	628	204	32 Camperdown	"
71	"	April	10, 1887	213	112	52 Starr	"
71	"	March	28, 1884	1, 321	241	18 Waters	Cotswold
71	"	March	19, 1886	600	228	38 Rockwood	"
71	"	April	9, 1887	214	120	56 Beatty	"
71	"	March	22, 1885	962	173	18 Parkinson	Leicester
71	"	April	4, 1886	584	202	34 Walker	"
71	"	April	8, 1887	215	105	48 Nicols	"
71	"	March	27, 1885	957	271	38 Guerri	Lincoln
71	"	March	20, 1886	599	210	35 Shafter	"

## Class C—Sheep—Continued.

No. of Pen .....	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
71	Newton, Mrs. Ann, Pontiac, Mich.	April 3, 1887	220	97	.44	Bishop.....	Lincoln.....
71	"	March 7, 1885	977	232	.24	George.....	1/2 Hampshire, 1/2 Shropshire.....
71	"	April 14, 1885	939	202	.21	Dandy.....	1/2 Cotswold, 1/2 Merino.....
71	"	April 2, 1886	586	203	.34	Turpin.....	1/2 Shropshire, 1/2 Hampshire.....
71	"	April 17, 1887	206	120	.58	Ned.....	1/2 Leicester, 1/2 Shropshire.....
72	Todd, S. H., Wakeman, Ohio	April 8, 1886	580	167	.29	Colonel.....	Shropshire.....
72	"	May 25, 1887	168	110	.65	Captain.....	"
72	"	May 28, 1887	165	110	.67	Captain 2d.....	"
72	"	April 10, 1885	938	180	.20	Monitor.....	1/2 Shropshire, 1/2 Merino.....
72	"	April 15, 1886	568	152	.27	Monitor 2d.....	"
72	"	April 20, 1887	203	102	.50	Monitor 3d.....	"
73	E. & A. Stanford, Steyning, Eng.	March 2, 1886	617	169	.27	Don.....	Southdown.....
73	"	March 4, 1886	615	167	.27	Doctor.....	"
73	"	March 7, 1886	612	194	.32	Dan.....	"
73	"	March 9, 1886	610	162	.26	"D".....	"
74	"	March 1, 1885	983	160	.16	David.....	"
74	"	March 3, 1885	981	180	.18	Daniel.....	"
74	"	March 5, 1885	979	223	.22	Darius.....	"
74	"	March 10, 1885	913	246	.27	Little Jumbo.....	"
76	Rutherford, John, Roseville, Ont.	May 8, 1886	550	156	.28	Victor.....	"
76	"	May 1, 1887	161	91	.56	Ned.....	"
76	"	June 25, 1885	928	262	.28	Captain.....	Shropshire.....
76	"	April 1, 1886	557	140	.25	Brown.....	"
76	"	May 10, 1887	183	122	.67	Henry.....	"
76	"	May 4, 1887	189	125	.67	Sampson.....	"
76	"	May 14, 1887	179	97	.54	Jim.....	"
76	"	April 26, 1886	562	215	.38	George.....	Oxford.....
76	"	April 10, 1885	943	274	.29	Charley.....	Cotswold.....
76	"	May 1, 1886	557	201	.36	Wakefield.....	"
76	"	May 1, 1886	557	210	.38	Peter.....	"
76	"	June 1, 1887	161	131	.81	Weeks.....	"
76	"	May 22, 1885	901	347	.38	Jumbo.....	1/2 Shropshire, 1/2 Lincoln.....
76	"	April 4, 1885	949	297	.31	Ben.....	1/2 Shropshire, 1/2 Leicester.....
76	"	April 24, 1885	929	185	.20	Tip.....	1/2 Southdown, 1/2 Leicester.....
76	"	April 20, 1886	568	215	.27	Ferry.....	"
76	"	April 22, 1886	566	206	.36	Smith.....	"
76	"	May 14, 1887	179	108	.60	Blake.....	"



76	Rutherford, John, Roseville, Ont.	May	4, 1887	189	221	1. 11	Snowball	Southdown	.....
76	"	April	20, 1884	298	230	.22	Dandy	Hampshire	.....
76	"	May	3, 1886	1, 555	224	.40	Charlie	"	.....
76	"	May	6, 1887	187	162	.87	Stanford	"	.....
76	"	April	20, 1885	933	297	.32	Jack	Leicester	.....
76	"	April	25, 1885	928	297	.32	Sandie	"	.....
76	"	April	30, 1885	923	247	.27	Dick	"	.....
76	"	May	2, 1886	556	183	.33	Sam	"	.....
76	"	May	14, 1886	544	256	.47	Harry	"	.....
76	"	April	22, 1886	566	210	.37	Tom	"	.....
76	"	April	15, 1887	298	142	.70	Bill	"	.....
76	"	May	10, 1887	183	120	.65	Frank	"	.....
76	"	May	5, 1887	188	116	.62	Bob	"	.....
76	"	April	25, 1885	927	250	.27	Geordie Hood	Lincoln	.....
76	"	May	17, 1885	906	274	.30	Prince	"	.....
76	"	April	20, 1885	932	265	.28	Hoyt	"	.....
76	"	May	13, 1886	545	135	.25	Snowball	"	.....
76	"	May	12, 1886	546	210	.40	Graham	"	.....
76	"	April	29, 1887	194	113	.58	Joe	"	.....
76	"	May	5, 1887	188	150	.80	Lorne	"	.....
76	"	May	20, 1887	173	176	1. 02	Perry	"	.....
78	George Conley, Marshall, Mich	March	27, 1886	592	170	.28	Dick	1/2 Shropshire, 1/2 Merino	.....
78	"	March	10, 1885	975	195	.20	Ned	"	.....
78	"	April	1, 1887	222	176	.80	Charlie	"	.....
78	Powis, J. E., Wayne, Ill	March	2, 1886	617	210	.36	Promise of Wayne 1107	Oxford	.....
79	Frank Willson, Jackson, Mich	March	23, 1885	961	226	.23	Mottle	Cotswold	.....
79	"	March	23, 1885	961	246	.25	Mottle King	"	.....
79	"	March	26, 1886	591	171	.28	Bonnie	"	.....
79	"	March	16, 1886	603	168	.28	Leonard	"	.....
80	Stanford, E. & A. Steyning, Eng.	February	27, 1887	255	137	.54	Diomedas	Southdown	.....
80	"	February	26, 1887	256	130	.51	Dio	"	.....
80	"	March	1, 1887	253	132	.52	Delos	"	.....
80	"	March	2, 1887	252	125	.50	Discord	"	.....
155	Waddel, B., Marion, Ohio	June	1, 1885	891	231	.26	Pet	Shropshire	.....

TABLE OF MEASUREMENTS OF PRIZE WINNING ANIMALS.

No . . . . .	Name of Animal.	Age in days, November 8, 1887...	Weight in pounds.....	Average gain per day since birth.....	Length of carcass . . . . . ft. in.	Heart girth. . . . . ft. in.	Flank girth . . . . . ft. in.	HEIGHT FROM GROUND.			
								Top line.		Bottom line.	
								Shoulder....	Hip.....	Fore flank..	Flank . . . . .
					ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
575	Little Jumbo, Southdown, over 2 years, 1st premium.....	913	246	.27	3-04	5-00	4-06	2-05	2-05	1-00	1-02
573	Ed, Southdown, 2 or over, 2d premium.....	950	220	.23	3-01	4-07	4-04	2-02 <sup>1</sup> / <sub>4</sub>	1-04	1-00 <sup>1</sup> / <sub>4</sub>	1-00
579	Graceful, Southdown, 2 or over, 3d premium.....	982	216	.22	3-04	4-06	4-01	2-03	2-03 <sup>1</sup> / <sub>2</sub>	-11 <sup>1</sup> / <sub>2</sub>	1-00 <sup>1</sup> / <sub>2</sub>
588	Exquisite, Southdown, 1 and under 2, 1st premium.....	618	297	.48	3-04 <sup>1</sup> / <sub>2</sub>	4-08	4-05	2-03 <sup>1</sup> / <sub>2</sub>	2-03 <sup>1</sup> / <sub>2</sub>	-11 <sup>3</sup> / <sub>4</sub>	1-00 <sup>3</sup> / <sub>4</sub>
592	Dan, Southdown, 1 and under 2, 2d premium.....	612	194	.32	3-04 <sup>1</sup> / <sub>2</sub>	4-02	4-00	2-03 <sup>1</sup> / <sub>2</sub>	2-02 <sup>1</sup> / <sub>2</sub>	1-01 <sup>1</sup> / <sub>2</sub>	1-00 <sup>1</sup> / <sub>2</sub>
585	Elliott, Southdown, 1 and under 2, 3d premium.....	577	177	.31	3-01 <sup>1</sup> / <sub>2</sub>	4-08	4-03	2-02	2-03 <sup>1</sup> / <sub>4</sub>	1-01	1-03 <sup>1</sup> / <sub>2</sub>
597	Dio, Southdown, under 1 year, 1st premium.....	256	130	.51	3-00	3-08	4-02 <sup>1</sup> / <sub>2</sub>	2-01 <sup>1</sup> / <sub>2</sub>	2-02 <sup>1</sup> / <sub>2</sub>	1-01	1-00 <sup>3</sup> / <sub>4</sub>
598	Delos, Southdown, under 1 year, 2d premium.....	253	132	.52	2-11	3-07	3-05	2-01 <sup>1</sup> / <sub>2</sub>	2-01 <sup>1</sup> / <sub>2</sub>	1-00 <sup>1</sup> / <sub>2</sub>	1-00
596	Dionedas, Southdown, under 1 year, 3d premium.....	255	137	.54	2-11	3-11	4-01 <sup>1</sup> / <sub>2</sub>	2-02	2-02 <sup>1</sup> / <sub>2</sub>	1-00	1-02
605	Captain, Shropshire, 2 or over, 1st premium . . . . .	928	262	.28	3-05	4-08	4-03	2-04	2-06	1-01	1-04 <sup>3</sup> / <sub>4</sub>
604	Dandy, Shropshire, 2 or over, 2d premium . . . . .	939	239	.25	3-03	4-08	4-05	2-01 <sup>1</sup> / <sub>2</sub>	2-03 <sup>1</sup> / <sub>2</sub>	-10 <sup>1</sup> / <sub>2</sub>	-11
603	Beauty, Shropshire, 2 or over, 3d premium.....	249	249	.26	3-04	4-08	4-02	2-04	2-04	1-00 <sup>1</sup> / <sub>2</sub>	1-00
609	Model 2d, Shropshire, 1 and under 2, 1st premium.....	522	175	.32	3-02	3-10	3-09	2-01 <sup>1</sup> / <sub>2</sub>	2-02 <sup>3</sup> / <sub>4</sub>	1-00	1-00
610	Patent, Shropshire, 1 and under 2, 2d premium.....	576	170	.29	3-02	4-04	4-05	2-03 <sup>1</sup> / <sub>2</sub>	2-04	1-00	1-00
614	Bar None, Shropshire, under 1 year, 1st premium.....	309	154	.50	3-01	4-05 <sup>1</sup> / <sub>2</sub>	4-03	2-05	2-04	1-00 <sup>1</sup> / <sub>4</sub>	1-01 <sup>1</sup> / <sub>2</sub>
620	Bradburn, Jr., Shropshire, under 1 year, 2d premium . . . . .	270	113	.42	2-10 <sup>1</sup> / <sub>2</sub>	3-08	3-08	2-02	2-02 <sup>1</sup> / <sub>2</sub>	-11 <sup>3</sup> / <sub>4</sub>	1-01 <sup>1</sup> / <sub>4</sub>
621	Captain, Shropshire, under 1 year, 3d premium.....	168	110	.65	2-10	3-04	3-06 <sup>1</sup> / <sub>2</sub>	2-00	2-00	1-00	1-01
625	Keene, Hampshire, 2 or over, 1st premium.....	1,030	281	.27	3-09	5-00	4-06	2-06	2-06	1-01 <sup>1</sup> / <sub>2</sub>	1-02
624	Dandy, Hampshire, 2 or over, 2d premium.....	1,298	280	.22	3-09	4-11	4-06 <sup>1</sup> / <sub>2</sub>	2-05 <sup>1</sup> / <sub>2</sub>	2-06	1-00 <sup>1</sup> / <sub>4</sub>	1-05
626	Rowfant, Hampshire, 2 or over, 3d premium.....	925	238	.26	3-05	4-09 <sup>1</sup> / <sub>2</sub>	4-05	2-07	2-06	1-01	1-03
629	Charlie, Hampshire, 1 and under 2, 1st premium.....	554	224	.40	3-07	4-05	4-03	2-04	2-05	1-01 <sup>1</sup> / <sub>2</sub>	1-04
630	Lampton, Hampshire, 1 and under 2, 2d premium.....	607	206	.34	3-04	4-03	4-05	2-02 <sup>1</sup> / <sub>2</sub>	2-03	1-00	1-00 <sup>3</sup> / <sub>4</sub>
628	Mark, Hampshire, 1 and under 2, 3d premium.....	599	155	.26	3-00	4-04	4-03	2-01	2-01 <sup>1</sup> / <sub>2</sub>	-11	-11 <sup>1</sup> / <sub>2</sub>
633	Stanford, Hampshire, under 1 year, 1st premium.....	187	162	.87	3-03	3-09	4-04	2-04	2-04	1-01	1-01
634	Hood, Hampshire, under 1 year, 2d premium.....	196	91	.46	3-01	4-05 <sup>1</sup> / <sub>2</sub>	4-03	2-04 <sup>1</sup> / <sub>2</sub>	2-05	1-01	1-00
635	Dundry, Hampshire, under 1 year, 3d premium.....	206	89	.43	3-03	3-10 <sup>1</sup> / <sub>2</sub>	3-11	2-02	2-03	1-01 <sup>1</sup> / <sub>2</sub>	1-01 <sup>1</sup> / <sub>2</sub>
640	Tuck, Oxford, 2 or over, 1st premium.....	923	215	.23	2-06 <sup>1</sup> / <sub>2</sub>	3-11	3-08	2-00 <sup>3</sup> / <sub>4</sub>	2-00 <sup>3</sup> / <sub>4</sub>	-10 <sup>1</sup> / <sub>2</sub>	-11 <sup>1</sup> / <sub>2</sub>
638	Blodgett, Jr., Oxford, 2 or over, 2d premium . . . . .	984	236	.24	3-05	4-10	4-06 <sup>1</sup> / <sub>2</sub>	2-06	2-05 <sup>1</sup> / <sub>2</sub>	1-00	1-00 <sup>1</sup> / <sub>2</sub>
637	Blodgett, Oxford, 2 or over, 3d premium.....	1,014	242	.24	3-03	4-09 <sup>1</sup> / <sub>2</sub>	4-09	2-06	2-06 <sup>1</sup> / <sub>2</sub>	1-00	1-01



641	Promise of Wayne, Oxford, 1 and under 2, 1st premium.....	617	210	.36	3-06	4-03½	4-03	2-05	2-06	1-01½	1-03
645	The Student, Oxford, 1 and under 2, 2d premium.....	568	157	.28	3-06	4-02	4-04	2-03½	2-03	1-01½	1-01
644	Camperdown, Oxford, 1 and under 2, 3d premium.....	624	204	.32	3-02½	4-04½	4-01	2-05½	2-05½	1-01½	1-01½
649	Treadwell, Oxford, under 1 year, 1st premium.....	194	135	.69	3-00	4-00½	4-02	2-04	2-06	1-00½	1-00½
647	Clipper, Oxford, under 1 year, 2d premium.....	195	135	.69	2-10	3-08	4-01	2-02¾	2-02¾	1-01½	1-00½
648	Starr, Oxford, under 1 year, 3d premium.....	213	112	.52	2-11	3-05½	3-06	2-01	2-02	1-00½	1-00½
652	Cherry, Cotswold, 2 or over, 1st premium.....	943	274	.29	3-05½	4-05	4-04	2-08	2-07	2-03	1-05¼
650	Mottle, Cotswold, 2 or over, 2d premium.....	961	226	.23	3-02	4-07	4-07	2-05½	2-07½	1-02	1-03½
653	Waters, Cotswold, 2 or over, 3d premium.....	1, 321	241	.18	3-06½	4-05	4-04	2-05	2-05¾	1-01½	1-03¼
658	Rockwood, Cotswold, 1 and under 2, 1st premium.....	600	228	.38	3-04	4-05	4-06	2-04	2-04¼	1-01	1-02
657	Peter, Cotswold, 1 and under 2, 2d premium.....	557	210	.38	3-02½	4-06	4-05	2-05¼	2-06	1-02½	1-02¾
655	Leonard, Cotswold, 1 and under 2, 3d premium.....	603	168	.28	2-11	4-02	4-00	2-02½	2-03	1-03	1-04
660	Beatty, Cotswold, under 1 year, 1st premium.....	214	120	.56	3-01	4-07	4-04	2-04	2-03½	1-00½	1-01½
659	Weeks, Cotswold, under 1 year, 2d premium.....	161	131	.81	2-10	3-11	3-09	2-03	2-03½	1-03¾	1-01
662	Sandle, Leicester, 2 or over, 1st premium.....	928	297	.32	3-03	4-08	4-04	2-07	2-07¾	1-02	1-04
661	Jack, Leicester, 2 or over, 2d premium.....	933	297	.32	3-06	5-04	4-10	2-06	2-07	1-01	1-04
663	Dick, Leicester, 2 or over, 3d premium.....	923	247	.27	3-02½	4-00	4-04	2-06	2-06	1-02¼	1-03½
665	Sam, Leicester, 1 and under 2, 1st premium.....	556	183	.33	2-11½	4-02	4-00	2-04½	2-06¼	1-01¼	1-04
668	Walker, Leicester, 1 and under 2, 2d premium.....	584	202	.34	3-04	4-05	4-07	2-06¼	2-05¼	1-01½	1-01¾
666	Harry, Leicester, 1 and under 2, 3d premium.....	544	256	.47	2-11	4-00	4-02	2-03	2-03¾	1-01¼	1-02
670	Bill, Leicester, under 1 year, 1st premium.....	208	142	.70	2-11½	3-11	3-11	2-04	2-04	1-01	1-01
669	Canada, Leicester, under 1 year, 2d premium.....	239	145	.63	3-09	3-10	3-10	2-04½	2-04½	1-01	1-02
672	Bob, Leicester, under 1 year, 3d premium.....	188	116	.62	2-09½	3-09	3-09	2-03	2-02	1-01½	1-03
677	Hoyt, Lincoln, 2 or over, 1st premium.....	932	265	.28	3-05½	4-09	4-06	2-06	2-06	1-01½	1-03¼
676	Guerry, Lincoln, 2 or over, 2d premium.....	957	271	.28	3-04	4-09	4-06	2-06½	2-07½	1-02	1-03¼
674	Geordie Hood, Lincoln, 2 or over, 3d premium.....	927	250	.27	3-07	4-09	4-04	2-05	2-07	1-02	1-03
679	Graham, Lincoln, 1 and under 2, 1st premium.....	546	210	.40	3-01	4-03	4-00	2-05	2-06	1-01	1-04
680	Shaffer, Lincoln, 1 and under 2, 2d premium.....	599	210	.35	3-03½	4-11	4-10	2-06¼	2-06¼	1-02¼	1-02½
678	Snowball, Lincoln, 1 and under 2, 3d premium.....	545	135	.25	3-03½	4-06	4-04	1-07	1-07	1-02	1-03
682	Lorne, Lincoln, under 1 year, 1st premium.....	188	150	.80	2-09½	3-10	4-03	2-01	2-02	1-02	1-03
684	Bishop, Lincoln, under 1 year, 2d premium.....	220	97	.44	2-07½	4-03	4-02	2-02¼	2-02	1-01	1-00¼
683	Perry, Lincoln, under 1 year, 3d premium.....	173	176	1.02	3-04½	4-02	4-04½	2-06	2-08	1-02	1-04
687	Bobby, Grade Shropshire, 2 or over, 1st premium.....	1, 279	985	.22	3-04	4-10½	5-03	2-05½	2-06	1-00	1-01
696	Turlington, Grade Southdown, 2 or over, 2d premium.....	920	238	.26	3-05	4-07¼	4-09½	2-04¾	2-05½	1-01½	1-01½
693	Dandy, Cotswold-Merino, 2 or over, 3d premium.....	939	202	.21	3-02½	4-05½	4-05	2-02¾	2-05¼	1-00	1-00
711	President, Grade Southdown, 1 and under 2, 1st premium.....	555	178	.32	3-01	4-05	4-03	2-04	2-04	1-00	1-00¼
710	How Nice, Grade Southdown, 1 and under 2, 2d premium.....	555	171	.31	3-01	4-01	4-02	2-03	2-02½	1-00	1-02
705	Ned 3d, Shropshire-Hampshire, 1 and under 2, 3d premium.....	544	204	.36	3-02	4-05	4-03	2-05	2-05	1-01	1-01
721	Bobby 4th, Grade Shropshire, under 1 year, 1st premium.....	214	121	.57	2-09½	3-03	3-09	2-01½	2-02	1-1¼	1-01
722	Bobby 5th, Grade Shropshire, under 1 year, 2d premium.....	207	127	.61	2-11	3-08	3-09	2-02	2-02	1-01	1-01
726	Dandy, Grade Southdown, under 1 year, 2d premium.....	201	113	.56	3-02	3-04	3-04½	2-03	2-03¾	1-02½	1-02½

## CLASS C—SHEEP.

LOT 34—SOUTHDOWN.

Wether over 2 years old.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
573	J. H. Potts & Son, Jacksonville, Ill.....	950	220	.23	Ed .....
574	" " " "	959	208	.22	Alien .....
575	John Rutherford, Roseville, Ont.....	913	346	.27	Little Jumbo.....
576	Mrs. Ann Newton, Pontiac, Mich.....	1,364	240	.18	Stanford .....
577	" " " "	974	250	.20	Anderson .....
578	T. W. Harvey, Turlington, Neb.....	981	226	.23	Remarkable.....
579	" " " "	982	216	.22	Graceful .....
580	E. & A. Stanford, Steyning, Eng.....	983	160	.16	David .....
581	" " " "	981	180	.18	Daniel .....
582	" " " "	979	223	.22	Darius .....
	Average .....	1,006	216	.21	

First premium to wether Little Jumbo, exhibited by John Rutherford, Roseville, Ont. . .

Illinois State Board of Agriculture.....	\$25 00
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Second premium to wether Ed, exhibited by J. H. Potts & Son, Jacksonville, Ill.--

Illinois State Board of Agriculture.....	15 00
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Third premium to wether Graceful, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture.....	10 00
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Wether 1 and under 2 years.

583	J. F. Rundel, Birmingham, Mich.....	552	150	.27	Kentucky .....
584	J. H. Potts & Son, Jacksonville, Ill.....	622	188	.30	Larry .....
585	“ “ “ “ .....	573	177	.31	Elliott .....
586	John Rutherford, Roseville, Ont.....	550	156	.28	Victor.....
587	Mrs. Ann Newton, Pontiac, Mich.....	604	171	.28	Beatty.....
588	T. W. Harvey, Turlington, Neb.....	618	297	.48	Exquisite .....
589	“ “ “ “ .....	617	182	.29	Multon Chops.....
590	E. & A. Stanford, Steyning, Eng.....	617	169	.27	Don .....
591	“ “ “ “ .....	615	167	.27	Doctor ...
592	“ “ “ “ .....	612	194	.32	Dan .....
593	“ “ “ “ .....	610	162	.26	“D” .....
Average .....		599	183	.22	



First premium to wether Exquisite, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Dan, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Elliott, exhibited by J. H. Potts & Son, Jacksonville, Ill.—

Illinois State Board of Agriculture..... 10 00

Wether under 1 year.

No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.
596	J. H. Potts & Son, Jacksonville, Ill. ....	259	102	.40	Charlie .....
595	John Rutherford, Roseville, Ont. ....	161	91	.56	Ned .....
597	Mrs. Ann Newton, Pontiac, Mich. ....	210	111	.53	Jeff .....
598	E. & A. Stanford, Steyning, Eng. ....	255	137	.54	Diamedas .....
599	" " " " .....	256	130	.51	Dio .....
600	" " " " .....	253	132	.52	Delos .....
601	" " " " .....	252	125	.50	Discard .....
Average .....		239	119	.50	

First premium to wether Dio, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Delos, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Diamedas, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture..... 10 00

## LOT 35—SHROPSHIRE.

Wether over 2 years.

601½	J. F. Rundel, Birmingham, Mich. ....	959	256	.27	Duke .....
602	B. Waddel, Marion, Ohio .....	891	231	.26	Pet .....
602½	Geo. Allen & Son, Archie, Ill. ....	955	247	.26	Model .....
603	" " " " .....	950	249	.26	Beauty .....
604	" " " " .....	949	239	.25	Dandy .....
605	John Rutherford, Roseville, Ont. ....	928	262	.28	Captain .....
606	Mrs. Ann Newton, Pontiac, Mich. ....	1,331	244	.18	Allen .....
Average .....		995	247	.25	

First premium to wether Captain, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00  
American Shropshire Association ..... 25 00

Total ..... \$50 00

## Second premium to wether Dandy, exhibited by Geo Allen &amp; Son, Archie, Ill.—

Illinois State Board of Agriculture .....	\$15 00	
American Shropshire Association .....	15 00	
Total .....		30 00

## Third premium to wether Beauty, exhibited by Geo. Allen &amp; Son, Archie, Ill.—

Illinois State Board of Agriculture .....	\$10 00	
American Shropshire Association .....	10 00	
Total .....		\$20 00

## Wether 1 and under 2 years.

No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.
607	J. F. Rundel, Birmingham, Mich.....	646	218	.34	Choice .....
608	Geo. Allen & Son, Archie, Ill.....	533	173	.32	Charley .....
609	“ “ .....	522	175	.32	Model 2d. ....
610	“ “ .....	576	170	.29	Patent .....
611	John Rutherford, Roseville, Ont.....	557	140	.25	Brown .....
612	S. H. Todd, Wakeman, Ohio.....	580	167	.29	Colonel .....
	Average .....	569	174	.30	

## First premium to wether Model 2d, exhibited by Geo. Allen &amp; Son, Archie, Ill.—

Illinois State Board of Agriculture .....	\$25 00	
American Shropshire Association .....	25 00	
Total .....		\$50 00

## Second premium to wether Patent, exhibited by Geo. Allen &amp; Son, Archie, Ill.—

Illinois State Board of Agriculture .....	15 00	
American Shropshire Association .....	15 00	
Total .....		\$30 00

## Wether under 1 year.

613	J. F. Rundel, Birmingham, Mich .....	266	120	.45	Handy .....
614	Geo Allen & Son, Archie, Ill .....	309	151	.50	Bar None .....
615	“ “ .....	195	110	.56	Charley 2d .....
616	“ “ .....	191	112	.58	Model 3d. ....
617	John Rutherford, Roseville, Ont .....	183	122	.67	Henry .....
618	“ “ .....	189	125	.67	Sampson .....
619	“ “ .....	179	97	.54	Jim .....
620	Mrs. Ann Newton, Pontiac, Mich.....	270	113	.42	Bradburn, Jr. ....
621	S. H. Todd, Wakeman, Ohio.....	168	110	.65	Captain .....
622	“ “ .....	165	110	.67	Captaid 2d .....
	Average.....	211	117	.57	

## First premium to wether Bar None, exhibited by Geo. Allen &amp; Son, Archie, Ill.—

Illinois State Board of Agriculture .....	\$25 00	
American Shropshire Association .....	25 00	
Total .....		\$50 00



Second premium to wether Bradburn, Jr., exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	\$15 00	
American Shropshire Association.....	15 00	
Total .....		30 00

Third premium to wether Captain, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture.....	\$10 00	
American Shropshire Association.....	10 00	
Total .....		20 00

## LOT 36—HAMPSHIRE.

Wether over 2 years old.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
623	J. F. Rundel, Birmingham, Mich.....	968	245	.25	Able .....
624	John Rutherford, Roseville, Ont.....	1,298	180	.22	Dandy.....
625	Mrs Ann Newton, Pontiac, Mich.....	1,030	281	.27	Keene.....
626	“ “ “ “ .....	925	238	.26	Rowfant .....
627	R. J. Stone, Stonington, Ill.....	933	218	.23	Hudson .....
	Average .....	1,031	252	.25	

First premium to wether Keene, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	\$25 00
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Second premium to wether Dandy, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....	15 00
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Third premium to wether Rowfant, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	10 00
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Wether 1 and under 2 years old.

628	J. F. Rundel, Birmingham, Mich.....	599	155	.26	Mark.....
629	John Rutherford, Roseville, Ont.....	554	224	.40	Charlie.....
630	Mrs. Ann Newton, Pontiac, Mich.....	607	206	.34	Lampton.....
631	“ “ “ “ .....	574	195	.34	Bart.....
	Average.....	583	195	.33	

First premium to wether Charlie, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture .....	\$25 00
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Second premium to wether Lampton, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	15 00
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Third premium to wether Mark, exhibited by J. F. Rundel, Birmingham, Mich.—

Illinois State Board of Agriculture..... \$10 00

Wether under 1 year.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
632	J. F. Rundel, Birmingham, Mich.....	239	207	.86	A. H.....
633	John Rutherford, Roseville, Ont.....	187	162	.87	Stanford.....
634	Mrs. Ann Newton, Pontiac, Mich.....	196	91	.46	Hood.....
635	“ “ .....	206	89	.43	Dundry.....
	Average.....	207	137	.65	

First premium to wether Stanford, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Hood, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Dundry, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 10 00

### LOT 37—OXFORD.

Wether over 2 years old.

627	Mrs. Ann Newton, Pontiac, Mich.....	1,014	242	.24	Blodget .. ..
638	“ “ .....	984	236	.24	Blodget, Jr.....
639	R. F. Stone, Stonington, Ill.....	927	190	.20	Champion.....
640	“ “ .....	923	215	.23	Tuck.....
	Average .....	962	221	.23	

First premium to wether Tuck, exhibited by R. J. Stone, Stonington; Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Blodget, Jr., exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Blodget, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 10 00

Weather 1 and under 2 years old.

641	J. E. Powis, Wayne, Ill.....	617	210	.36	Promise of Wayne.....
643	John Rutherford, Roseville, Ont.....	562	215	.38	George .....
644	Mrs. Ann Newton, Pontiac, Mich.....	624	204	.32	Camperdown.....
645	R. J. Stone, Stonington, Ill.....	568	157	.28	The Student.....
646	“ “ .....	568	181	.32	Professor .....
	Average .....	588	193	.32	



First premium to wether Promise of Wayne, exhibited by J. E. Powis, Wayne, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether The Student, exhibited by R. J. Stone, Stonington, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Camperdown, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 10 00

Wether under 1 year old.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
647	Mrs. Newton, Pontiac, Mich .....	213	112	.52	Starr .....
648	R. J. Stone, Stonington, Ill.....	195	135	.69	Clipper.....
649	“ .....	194	135	.69	Treadwell .....
	Average .....	201	127	.63	

First premium to wether Treadwell, exhibited by R. J. Stone, Stonington, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Clipper, exhibited by R. J. Stone, Stonington, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Starr, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 10 00

LOT 38—COTSWOLD.

Wether over 2 years old.

650	Frank Willson, Jackson, Mich.....	961	226	.23	Mottle .....
651	“ .....	961	246	.25	Mottle King.....
652	John Rutherford, Roseville, Ont.....	943	274	.29	Cherry .....
653	Mrs. Ann Newton, Pontiac, Mich.....	1,321	241	.18	Waters .....
	Average .....	1,021	247	.24	

First premium to wether Cherry, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Mottle, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Waters, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 10 00

Wether 1 and under 2 years.

[illegible]

First premium to wether Rockwood, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	\$25 00
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Second premium to wether Peter, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....	15 00
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Third premium to wether Leonard, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	10 00
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Wether under 1 year old.

659	John Rutherford, Roseville, Ont.....	161	131	.81	Weeks .....
660	Mrs. Ann Newton, Pontiac, Mich.....	214	120	.56	Beatty.....
	Average .....	188	125	.69	

First premium to wether Beatty, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	\$25 00
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Second premium to wether Weeks, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....	15 00
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LOT 39—LEICESTER.

Wether over 2 years old.

661	John Rutherford, Roseville, Ont .....	933	297	.32	Jack. ....
662	“ “ .....	928	297	.32	Sandie. ....
663	“ “ .....	923	247	.27	Dick. ....
664	Mrs. Ann Newton, Pontiac, Mich. ....	962	173	.18	Parkinson .....
	Average. ....	936	253	.27	



First premium to wether Sandie, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Jack, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Dick, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

Wether 1 and under 2 years old.

No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal
665	John Rutherford, Roseville, Ont.....	556	183	.33	Sam.....
666	“ “ .....	544	256	.47	Harry.....
667	“ “ .....	566	210	.37	Tom.....
668	Mrs. Ann Newton, Pontiac, Mich.....	584	202	.34	Walker .....
Average. ....		562	213	.38	

First premium to wether Sam, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Walker, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Illinois State Board of Agriculture..... 15 00

Third premium to wether Harry, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

Wether under 1 year old.

669	J. F. Rundel, Birmingham, Mich. ....	239	145	.63	Canada .....
670	John Rutherford, Roseville, Ont.....	208	142	.70	Bill .....
671	“ “ .....	183	120	.65	Frank.....
672	“ “ .....	188	116	.62	Bob.....
673	Mrs. Ann Newton, Pontiac, Mich. ....	215	105	.48	Nicols.....
Average. ....		207	126	.62	

First premium to wether Bill, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Canada, exhibited by J. F. Rundel, Birmingham, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Bob, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

## LOT 40--LINCOLN.

Wether over 2 years old.

No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.
674	John Rutherford, Roseville, Ont. ....	927	250	.27	Geordie Hood .....
675	John Rutherford, Roseville, Ont. ....	906	274	.30	Prince. ....
676	Mrs. Ann Newton, Pontiac, Mich. ....	957	271	.28	Guerry. ....
677	John Rutherford, Roseville, Ont. ....	932	265	.28	Hoyt. ....
	Average. ....	930	265	.28	

First premium to wether Hoyt, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Guerry, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Geordie Hood, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.. 10 00

Wether 1 and under 2 years.

678	John Rutherford, Roseville, Ont. ....	545	135	.25	Snowball .....
679	John Rutherford, Roseville, Ont. ....	546	210	.40	Graham .....
680	Mrs. Ann Newton, Pontiac, Mich. ....	599	210	.35	Shaffer. ....
	Average. ....	563	185	.33	

First premium to wether Graham, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Shaffer, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture... 15 00

Third premium to wether Snowball, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

Wether under 1 year old.

681	John Rutherford, Roseville, Ont. ....	194	113	.58	Joe .....
682	John Rutherford, Roseville, Ont. ....	188	150	.80	Lorne .....
683	John Rutherford, Roseville, Ont. ....	173	176	1.02	Perry .....
684	Mrs. Ann Newton, Pontiac, Mich. ....	220	97	.44	Bishop. ....
	Average. ....	194	134	.95	



First premium to wether Lorne, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Bishop, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Illinois State Board of Agriculture..... 15 00

Third premium to wether Perry, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

## LOT 41—CROSSES. (Grades Excluded).

Wether over 2 years old

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
685	J. F. Rundel, Birmingham, Mich	965	100	.10	Warwick.....	Shrop'sr-Cotswold.
686	F. F. Wells, Kenny, Ill.....	1,293	200	.15	Model .....	Merino-Cotswold..
687	Geo. Allen & Son, Archie, Ill.	1,279	285	.22	Bobby.....	Grade Shropshire..
688	“ “ “ “	932	213	.23	Bobby 2d.....	Shropshire-Oxford
689	Jno. Rutherford, Roseville, Ont	901	347	.38	Jumbo.....	Shropsh're-Lincoln
690	“ “ “ “	949	297	.31	Ben .....	Shrop'sr-Leicester.
691	“ “ “ “	929	185	.20	Tip .....	S'thdown-Leicester
692	Mrs. Ann Newton, Pontiac, Mich	977	232	.24	George .....	Hamps'r-Shrop'sr.
693	“ “ “ “	939	202	.21	Dandy .....	Cotswold Merino..
694	T. W. Harvey, Turlington, Neb.	920	210	.23	Elegance .....	Grade Southdown.
695	“ “ “ “	920	192	.21	Pride .....	“
696	“ “ “ “	920	238	.26	Turlington .....	“
697	“ “ “ “	981	206	.21	None Such.....	“
698	“ “ “ “	979	201	.20	Superb.....	“
699	R. J. Stone, Stonington, Ill..	931	177	.19	Dandy.....	Oxford-Southdown
700	S. H. Todd, Wakeman, O.....	938	180	.20	Monitor.....	Shropshire-Merino
Average .....		984	216	.22		

First premium to wether Bobby, exhibited by Geo. Allen & Son, Archie, Ill. —

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Turlington, exhibited by T. W. Harvey, Turlington, Neb. —

Illinois State Board of Agriculture..... 15 00

Third premium to wether Dandy, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture... 10 00

## Wether 1 and under 2 years old.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
701	J.F.Rundel, Birmingham, Mich	602	173	.29	Ohio.....	S'thdown-Cotsw'ld
702	Geo. Conley, Marshall, Mich..	592	170	.28	Dick.....	Shropshire-Merino
703	Geo. Allen & Son, Archie, Ill.	531	177	.33	Bobby 3d.....	Shropshire-Oxford
704	“ “	544	181	.33	Ned 2d.....	Shrop'sr-Hamps'r.
705	“ “	544	207	.36	Ned 3d.....	“
706	J.H.Potts & Son, Jacksonville, Ill. ....	619	170	.27	Gates.....	S'thdown-Cotsw'ld
707	Jno. Rutherford, Roseville, Ont	568	215	.37	Jerry.....	S'thdown-Leicester
708	“ “	566	206	.36	Smith.....	“
709	Mrs. Ann Newton, Pontiac, Mich	586	203	.34	Turpin.....	Shrops'r-Hamps'r.
710	T. W. Harvey, Turlington, Neb.	555	171	.31	How Nice.....	Grade Southdown.
711	“ “	555	178	.32	President.....	“
712	“ “	555	190	.34	Governor.....	“
713	“ “	553	192	.35	Standard.....	“
714	“ “	553	170	.31	Otie Chief.....	“
715	R. J. Stone, Stonington, Ill..	558	147	.26	Dick.....	Oxford-Southdown
716	“ “	563	141	.25	Tom.....	“
717	“ “	563	125	.22	Bill.....	“
718	S. H. Todd, Wakeman, O.....	568	152	.27	Monitor 2d.....	Shropshire-Merino
Average .....		565	176	.31		

First premium to wether President, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether How Nice, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Ned 3d, exhibited by Geo. Allen & Son, Archie, Ill.—

Illinois State Board of Agriculture..... 10 00

## Wether under 1 year old.

719	J.F.Rundel, Birmingham, Mich	228	120	.52	William.....	Shrops'r-Cotswold.
720	Geo. Conley, Marshall, Mich..	222	176	.80	George.....	Shropshire-Merino
721	Geo. Allen & Son, Archie, Ill.	214	121	.57	Bobby 4th.....	Grade Shropshire.
722	“ “	207	127	.61	Bobby 5th.....	“
723	Jno. Rutherford, Roseville, Ont	179	108	.60	Blake.....	S'thdown-Leicester
724	“ “	189	221	1.17	Snowball.....	“
725	Mrs. Ann Newton, Pontiac, Mich	206	120	.58	Ned.....	Leicester-Shrops'r.
726	T.W. Harvey, Turlington Neb.	201	113	.56	Dandy.....	Southdown.....
727	R. J. Stone, Stonington, Ill..	195	82	.42	Elliott 1st.....	Oxford-Southdown
728	“ “	195	83	.42	Elliott 2d.....	“
729	S. H. Todd, Wakeman, O....	203	102	.50	Monitor 3d.....	Shropshire-Merino
Average .....		203	125	.61		

First premium to wether Bobby 4th, exhibited by Geo. Allen & Son, Archie, Ill.—

Illinois State Board of Agriculture..... \$25 00

Second premium to wether Bobby 5th, exhibited by Geo. Allen & Son, Archie, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Dandy, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture..... 10 00



## LOT 42—SWEEPSTAKES.

Best Southdown Wether shown in Lot 34.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
575	Jno. Rutherford, Roseville, Ont.....	913	246	.27	Little Jumbo.....
488	T. W. Harvey, Turlington, Neb.....	618	297	.48	Exquisite .....
597	E. & A. Stanford, Steyning, Eng.....	256	130	.51	Dio.....

Premium to wether Little Jumbo, exhibited by Jno. Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co.....	5 00
Total .....	\$30 00

Best Shropshire Wether shown in Lot 35.

605	John Rutherford, Roseville, Ont.....	928	262	.23	Captain .....
609	George Allen & Son, Archie, Ill.....	522	175	.32	Model 2d.....
614	.....	309	154	.50	Bar None .....

Premium to wether Captain, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co.....	5 00
Total .....	\$30 00

Best Hampshire Wether shown in Lot 36.

625	Mrs. Ann Newton, Pontiac, Mich .....	1,030	281	.27	Keene.....
629	John Rutherford, Roseville, Ont.....	554	224	.40	Charlie.....
633	.....	187	162	.87	Stanford .....

Premium to wether Keene, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co.....	5 00
Total .....	\$30 00

Best Oxford Wether shown in Lot 37.

640	R. J. Stone, Stonington, Ill .....	923	215	.23	Tuck .....
641	J. E. Powis, Wayne, Ill .....	617	210	.36	Promise of Wayne .....
649	R. J. Stone, Stonington, Ill .....	194	135	.69	Treadwell .....

Premium to wether Promise of Wayne, exhibited by J. E. Powis, Wayne, Ill.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Cotswold wether shown in Lot 38.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
652	John Rutherford, Roseville, Ont.....	943	274	.29	Cherry.....
658	Mrs. Ann Newton, Pontiac, Mich.....	600	228	.38	Rockwood.....
660	“ “.....	214	120	.56	Beatty.....

Premium to wether Cherry, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Leicester Wether shown in Lot 39.

662	John Rutherford, Roseville, Ont.....	928	297	.32	Sandie .....
665	“ “.....	556	183	.33	Sam .....
670	“ “.....	208	142	.70	Bill .....

Premium to wether Sandie, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Lincoln Wether shown in Lot 40.

677	John Rutherford, Roseville, Ont.....	932	265	.28	Hoyt .....
679	“ “.....	546	210	.40	Graham.....
682	“ “.....	188	150	.80	Lorne .....

Premium to wether Graham, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Crossbred Wether shown in Lot 41.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
687	Geo. Allen & Son, Archie, Ill.	1,279	235	.22	Bobby.....	Gr. Shropshire....
711	T. W. Harvey, Turlington, Neb	555	178	.32	President.....	Gr. Southdown....
721	Geo. Allen & Son, Archie, Ill.	214	121	.57	Bobby 4th.....	Gr. Shropshire....



Premium to wether Bobby, exhibited by Geo. Allen & Son, Archie, Ill.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co .....	5 00
Total .....	\$30 00

## LOT 43—GRAND SWEEPSTAKES.

Best Wether in Show.

No.	Exhibitor.	Age in days, November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
575	Jno. Rutherford, Roseville, Ont	913	246	.27	Little Jumbo.....	Southdown .....
605	“ “	928	262	.28	Captain .....	Shropshire .....
625	Mrs. Ann Newton, Pontiac, Mich	1,030	231	.27	Keene .....	Hampshire .....
641	J. E. Powis, Wayne, Ill. ....	617	210	.36	Promise of Wayne.	Oxford .....
652	Jno. Rutherford, Roseville, Ont	943	274	.29	Cherry .....	Cotswold .....
662	“ “	928	297	.32	Sandie .....	Leicester .....
679	“ “	546	210	.40	Graham .....	Lincoln .....
687	Geo. Allen & Son, Archie, Ill.	1,279	285	.22	Bobby .....	Gr. Shropshire....
640	R. J. Stone, Stonington, Ill...	923	215	.23	Tuck .....	Oxford .....

Premium to wether Keene, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	\$50 00
Marshall Field & Co.....	50 00
Total .....	\$100 00

## LOT 44—PENS.

Best Pen Southdowns, to consist of Wether over 2 years old, Wether 1 and under 2 years old, and Wether under 1 year old.

Pen No. 1.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth .....	Name of Animal.
573	J. H. Potts & Son, Jacksonville, Ill ....	950	220	.23	Ed .....
585	“ “	573	177	.31	Elliott .....
594	“ “	259	102	.40	Charlie.....

## Pen No. 2.

No.	Exhibitor.	Age in days November 8, 1887. ....	Weight November 8, 1887. ....	Average gain per day in pounds since birth .....	Name of Animal.
576	Mrs. Ann Newton, Pontiac, Mich.....	1,364	240	.18	Stanford .....
587	“ “ .....	604	171	.28	Beatty .....
597	“ “ .....	210	111	.53	Jeff .....

## Pen No. 3.

575	John Rutherford, Roseville, Ont.....	913	246	.27	Little Jumbo.....
586	“ “ .....	550	156	.28	Victor.....
596	“ “ .....	161	91	.56	Ned .....

## Pen No. 4.

582	E. & A. Stanford, Steyning, Eng.....	979	223	.22	Darius .....
592	“ “ .....	612	194	.32	Dan .....
596	“ “ .....	255	137	.54	Diomedas .....

## Pen No. 5.

581	E. & A. Stanford, Steyning, Eng.....	981	180	.18	Daniel .....
591	“ “ .....	615	167	.27	Doctor .....
598	“ “ .....	253	132	.52	Delos .....

Premium to E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture..... \$35 00

Best pen of Shropshires, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.

## Pen No. 1.

600	J. F. Rundel, Birmingham, Mich.....	959	256	.27	Duke .....
607	“ “ .....	646	218	.34	Choice .....
613	“ “ .....	266	120	.45	Handy .....

## Pen No. 2.

602	Geo. Allen & Son, Archie, Ill.....	955	247	.26	Model .....
608	“ “ .....	533	173	.32	Charley .....
614	“ “ .....	191	112	.58	Model 3d.....

## Pen No. 3.

606	Mrs. Ann Newton, Pontiac, Mich.....	1,331	244	.18	Allen .....
	“ “ .....	637	205	.32	Bradburn.....
620	“ “ .....	270	113	.42	Bradburn, Jr.....



## Pen No. 4.

No.	Exhibitor.	Age in days Novem- ber 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day, in pounds, since birth. ....	Name of Animal.
605	John Rutherford, Roseville, Ont.....	928	262	.28	Captain .....
611	" " .....	557	140	.25	Brown .....
617	" " .....	183	122	.67	Henry .....

Premium to Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... \$35 00

Best pen of Hampshires, to consist of Wether over 2 years old, Wether 1 and under 2 years old,  
Wether under 1 year old.

## Pen No. 1.

625	Mrs. Ann Newton, Pontiac, Mich.....	1,030	281	.27	Keene .....
630	" " .....	607	206	.34	Lampton .....
634	" " .....	196	91	.46	Hood .....

## Pen No. 2.

624	John Rutherford, Roseville, Ont.....	1,298	280	.23	Dandy .....
629	" " .....	554	224	.40	Charlie .....
633	" " .....	187	162	.87	Stanford .....

Premium to John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$35 00

Best pen of Oxfords, to consist of Wether over 2 years old, Wether 1 and under 2 years old,  
Wether under 1 year old.

## Pen No. 1.

640	R. J. Stone, Stonington, Ill.....	923	215	.23	Tuck .....
646	" " .....	568	181	.32	Professor .....
649	" " .....	194	135	.69	Treadwell .....

## Pen No. 2.

637	Mrs. Ann Newton, Pontiac, Mich .....	1,014	242	.24	Blodget .....
644	" " .....	624	204	.32	Camperdown .....
647	" " .....	213	112	.52	Starr .....

Premium to J. R. Stone, Stonington, Ill.—

Illinois State Board of Agriculture..... \$35 00

Best pen of Cotswolds, to consist of Wether over 2 years old, Wether 1 and under 2 years old,  
Wether under 1 year old.

## Pen No. 1.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth .....	Name of Animal.
650	Frank Willson, Jackson, Mich.....	961	226	.23	Mottle.....
654	“ “ .....	591	171	.28	Bonnie .....
	“ “ .....	182	121	.66	Fred.....

## Pen No. 2.

653	Mrs. Ann Newton, Pontiac, Mich.....	1,321	241	.18	Waters .....
658	“ “ .....	600	228	.38	Rockwood.....
660	“ “ .....	214	120	.56	Beatty.....

## Pen No. 3.

652	John Rutherford, Roseville, Ont.....	943	274	.29	Cherry .....
657	“ “ .....	557	210	.38	Peter.....
659	“ “ .....	161	131	.81	Weeks.....

Premium to Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... \$35 00

Best Pen of Leicesters, to consist of Wether over 2 years old, Wether 1 and under 2 years old,  
Wether under 1 year old.

## Pen No. 1.

664	Mrs. Ann Newton, Pontiac, Mich.....	962	173	.18	Parkinson.....
668	“ “ .....	584	202	.24	Walker.....
673	“ “ .....	215	105	.48	Nicols.....

## Pen No. 2.

662	John Rutherford, Roseville, Ont.....	928	297	.32	Sandie.....
666	“ “ .....	544	256	.47	Harry .....
670	“ “ .....	208	142	.70	Bill .....

Premium to John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$35 00



Best pen of Lincolns, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.

## Pen No. 1.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.
676	Mrs. Ann Newton, Pontiac, Mich.....	957	271	.28	Guerry .....
680	“ “ .....	599	210	.35	Shaffer .....
684	“ “ .....	220	97	.44	Bishop .....

## Pen No. 2.

675	John Rutherford, Roseville, Ont.....	906	274	.30	Prince .....
679	“ “ .....	546	210	.40	Graham .....
683	“ “ .....	173	176	1.02	Perry .....

Premium to John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$35 00

Best pen Crossbred Sheep, to consist of Wether over 2 years old, Wether 1 and under 2 years old, Wether under 1 year old.

## Pen No. 1.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.	Breed.
685	J.F.Randel, Birmingham, Mich	965	100	.10	Warwick .....	Shrops'r-Cotswold.
701	“ “ .....	602	173	.29	Ohio. ....	Southd'n-Cotswold
719	“ “ .....	228	120	.52	William .....	Shrops'r-Cotswold.

## Pen No. 2.

702	Geo. Conley, Marshall, Mich..	975	195	.20	Ned .....	Shrops'ire-Merino.
720	“ “ .....	592	170	.28	Dick .....	“ “
720	“ “ .....	222	176	.80	Charlie .....	“ “

## Pen No. 3.

688	Geo. Allen & Son, Archie, Ill..	932	213	.23	Bobby 2d .....	Shropshire-Oxford
705	“ “ .....	544	207	.36	Boddy 3d .....	Shrops'r-Hamps're
722	“ “ .....	207	127	.61	Bobby 5th.....	Grade Shropshire..

Pen No. 4.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth....	Name of Animal.	Breed.
692	Mrs. Ann Newton, Pontiac, Mich	977	232	.24	George .....	Hampshire-Shropshire
709	“ “	586	203	.34	Turpin .....	Shropshire-Hampshire
725	“ “	206	120	.58	Ned .....	Leicester-Shropshire

Pen No. 5.

696	T. W. Harvey, Turlington, Neb.	920	238	.26	Turlington .....	Grade Southdown
710	“ “	555	171	.31	How-Nice.....	“ “
726	“ “	201	113	.56	Dandy .....	“ “

Pen No. 6.

699	R. J. Stone, Stonington, Ill. ..	931	177	.19	Dandy.....	Oxford-Southdown
715	“ “ ..	558	147	.26	Dick .....	“ “
727	“ “ ..	195	82	.42	Elliott 1st.....	“ “

Pen No. 7.

689	Jno. Rutherford, Roseville, Ont.	901	347	.38	Jumbo .....	Shropshire-Lincoln
707	“ “	568	215	.37	Jerry .....	Southdown-Leicester
724	“ “	189	221	1.11	Snowball .....	“ “

Pen No. 8.

700	S. H. Todd, Wakeman, Ohio ..	938	180	.50	Monitor .....	Shropshire-Merino
718	“ “ ..	568	152	.27	Monitor 2d .....	“ “
729	“ “ ..	203	102	.50	Monitor 3d .....	“ “

Premium to T. W. Harvey, Turlington, Neb.—  
Illinois State Board of Agriculture..... \$35 00

LOT 45—SWEEPSTAKES PEN.

Entries to consist of the prize pens in Lot 44.

Pen No. 1.

581	E. & A. Stafford, Steyning, Eng.	981	180	.18	Daniel .....	Southdown .....
591	“ “	615	167	.27	Doctor.....	“ .....
598	“ “	253	132	.52	Delos .....	“ .....



## Pen No. 2.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day, in pounds, since birth .....	Name of Animal.	Breed.
606	Mrs. Ann Newton, Pontiac, Mich	1,331	244	.18	Allen .....	Shropshire .....
	“ “	637	205	.32	Bradburn .....	“ .....
620	“ “	270	113	.42	Bradburn, Jr .....	“ .....

## Pen No. 3.

624	Jno. Rutherford, Roseville, Ont.	1,298	280	.22	Dandy .....	Hampshire .....
629	“ “	554	224	.40	Charlie .....	“ .....
633	“ “	187	162	.87	Stanford .....	“ .....

## Pen No. 4.

640	R. J. Stone, Stonington, Ill. ...	923	215	.23	Tuck .....	Oxford .....
646	“ “ ..	568	181	.32	Professor .....	“ .....
649	“ “ ..	194	135	.69	Treadwell .....	“ .....

## Pen No. 5.

653	Mrs. Ann Newton, Pontiac, Mich	1,321	241	.18	Waters .....	Cotswold .....
658	“ “	600	228	.38	Rockwood .....	“ .....
660	“ “	214	120	.56	Beatty .....	“ .....

## Pen No. 6.

662	Jno. Rutherford, Roseville, Ont.	928	297	.32	Sandie .....	Leicester .....
666	“ “	544	256	.47	Harry .....	“ .....
670	“ “	208	142	.70	Bill .....	“ .....

## Pen No. 7.

675	Jno. Rutherford, Roseville, Ont.	906	274	.30	Prince .....	Lincoln .....
679	“ “	546	210	.40	Graham .....	“ .....
683	“ “	173	176	1.02	Perry .....	“ .....

## Pen No. 8.

696	T. W. Harvey, Turlington, Neb.	920	238	.26	Turlington .....	Grade Southdown..
710	“ “	555	171	.31	How Nice .....	“ “ ..
726	“ “	201	113	.56	Dandy .....	“ “ ..

Premium to E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture..... \$50 00  
E. W. Blatchford & Co..... 7 75

Total ..... \$57 75

## LOT 46--HEAVIEST FAT SHEEP.

(Open to all.)

Heaviest Wether, any age.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
687	Geo. Allen & Son, Archie, Ill.	1,279	285	.22	Bobby. ....	Gr. Shropshire ....
689	Jno. Rutherford, Roseville, Ont.	901	347	.38	Jumbo. ....	Shropshire-Linc'n.
661	"	933	297	.32	Jack. ....	Leicester ....
625	Mrs. Ann Newton, Pontiac, Mich. ....	1,030	281	.27	Keene. ....	Hampshire ....
578	T.W. Harvey, Turlington, Neb.	981	226	.23	Remarkable. ....	Gr. Southdown....
579	"	982	216	.22	Graceful. ....	"
696	"	920	238	.26	Turlington. ....	"
588	"	618	297	.48	Exquisite. ....	"
....	R. J. Stone, Stonington, Ill....	1,292	245	.19	Perfection. ....	Oxford ....
627	"	933	218	.23	Hudson. ....	Hampshire ....
Average. ....		986	265	.28		

Premium to wether Jumbo, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture.....: ..... \$25 00

## LOT 47—DRESSED CARCASS.

Best Carcass Wether over 2 years old.

578	T.W. Harvey, Turlington, Neb.	981	226	.23	Remarkable. ....	Southdown ....
579	"	982	216	.22	Graceful. ....	"
694	"	920	210	.23	Elegance. ....	"
695	"	920	192	.21	Pride. ....	"
696	"	920	238	.26	Turlington. ....	"
697	"	981	206	.21	None Such. ....	"
698	"	979	201	.20	Superb. ....	"
760	S. H. Todd, Wakeman, Ohio...	938	180	.20	Monitor. ....	Shropshire-Merino
582	E. & A. Stanford, Steyning, Eng. ....	979	223	.22	Darius. ....	Southdown ....
625	Mrs. Ann Newton, Pontiac, Mich. ....	1,030	281	.27	Keene. ....	Hampshire ....
575	J. Rutherford, Roseville, Ont..	913	246	.27	Little Jumbo. ....	Southdown ....
605	"	928	262	.28	Captain. ....	Shropshire ....
652	"	943	274	.29	Cherry. ....	Cotswold ....
662	"	928	297	.32	Sandie. ....	Leicester ....
687	Geo. Allen & Son, Archie, Ill..	1,279	235	.22	Bobby. ....	Gr. Shropshire....
Average. ....		975	236	.24		

Premium to wether None Such, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture.....: ..... \$25 00



Best Carcass Wether 1 and under 2 years.

No.	Exhibitor.	Age in days, November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
710	T.W. Harvey, Turlington, Neb.	555	171	.31	How Nice .....	Southdown .....
711	" " ..	555	178	.32	President.....	" .....
712	" " ..	555	192	.34	Governor.....	" .....
713	" " ..	553	192	.35	Standard .....	" .....
714	" " ..	553	170	.31	Otoe Chief .....	" .....
715	R. J. Stone, Stonington, Ill ...	558	147	.26	Dick. . . . .	Oxford-Southdown
592	E. & A. Stanford, Steyning, Eng	612	194	.32	Dan . . . . .	Southdown .....
702	Geo. Conley, Marshall, Mich ..	592	170	.28	Dick. . . . .	Shropshire-Merino
641	J. E. Powis, Wayne, Ill.....	617	210	.36	Promise of Wayne.	Oxford .....
679	J. Rutherford, Roseville, Ont..	546	210	.40	Graham. ....	Lincoln. ....
Average. ....		570	183	.32½		

Premium to wether Graham, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

Best Carcass Wether under 1 year old.

725	Mrs. Ann Newton, Pontiac, Mich .....	206	128	.58	Ned. ....	Leicester-Shrops're
648	R. J. Stone, Stonington, Ill...	195	135	.69	Clipper .....	Oxford .....
598	E. & A. Stanford, Steyning, Eng	253	132	.52	Delos.....	Southdown .....
Average. ....		218	132	.60		

Premium to wether Delos, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture..... \$25 00

LOT 48—DRESSED CARCASS SWEEPSTAKES.

Only carcasses awarded prizes in Lot 47 entitled to compete.

697	T. W. Harvey, Turlington, Neb	981	206	.21	None Such .....	Southdown .....
679	J. Rutherford, Roseville, Ont.	546	210	.40	Graham. ....	Lincoln. ....
598	E. & A. Stanford, Steyning, Eng	253	132	.52	Delos.....	Southdown .....

Premium to wether Graham, exhibited by John Rutherford, Roseville, Ill.—

Illinois State Board of Agriculture..... \$25 00  
Marshall Field & Co..... 50 00  
Total ..... \$75 00

# LOT 46--DRESSED CARCASS.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age over 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.	Live weight at slaughter	Weight of dressed carcass.	Per cent. net carcass to gross or live weight.	Weight of pelt.	Weight of tallow	Per cent. carcass, pelt and tallow to gross weight.	Weight of head.	Weight of lungs and head	Weight of liver and milt.	Weight of paunch and intestines.	Weight of blood.	Shrinkage	Per cent. offal and shrinkage to live weight.
Harvey, T. W. Turlington, Neb..	Remarkable .....	Southdown .....	981	220	146	.66	16	8	.77	6	3	2	29	6½	3½	.23
"	Graceful .....	" .....	982	217	152	.70	19	6	.81	5	3	2	25	5	...	.19
"	Elegance .....	" .....	920	199	131	.64	15½	12	.78	5½	3	2	25	6	3	.23
"	Pride .....	" .....	920	199	130	.65	14	11	.78	5½	3	2	25	6½	2	.23
"	Turlington .....	" .....	920	237	155	.65	18½	10	.80	6	3	2	35	7½	...	.22
"	Non Such .....	" .....	981	197	130	.66	15	10	.79	5½	3	2	25	6½	...	.21
"	Superb .....	" .....	979	212	136	.64	17	12½	.78	5½	4	2	25	7½	...	.23
"	Monitor .....	Shropshire-Merino .....	938	177	99	.56	15	5	.67	6	4	2	35	7½	3	.33
Todd, S. H., Wakeman, O. ....	Darius .....	Southdown .....	979	219	141	.64	21	7½	.77	5½	4	2	27	8¼	3¼	.33
Stanford, E. & A., Steyning, Eng.	Keene .....	Hampshire .....	1,030	274	183	.67	18	11	.77	7	4	3	35	8¼	4¼	.23
Newton, Mrs. Ann, Pontiac, Mich.	Little Jumbo .....	Southdown .....	1,913	238	164	.66	17	8	.79	5½	4	3	27	6½	2	.21
Rutherford, John, Roseville, Ont.	Captain .....	Shropshire .....	928	255	190	.74	19	7	.84	6	3	3	17	7½	2½	.15
"	Cherry .....	Cotswold .....	943	250	156	.62	21	13½	.76	6½	3	2	29	8	10½	.24
"	Sandie .....	Leicester .....	928	260	160	.61	24	5	.73	6	6	3	23	11	22	.27
Allen, Geo. & Son, Archie, Ill....	Bobby .....	Grade Shropshire..	1,279	290	195	.67	31½	7	.80	6	4	2	29	7½	7½	.20
Average .....	.....	.....	975	230	151	.65	19	9	.78	6	4	2½	27	7½	4½	.22

Age 1 and under 2 years.

Harvey, T. W., Turlington, Neb..	How Nice .....	Southdown .....	555	185	117	.63	14	10	.76	4	3	2	22	5½	7½	.24
"	President .....	" .....	555	175	114	.65	14	9	.78	5	4½	2	19	6½	1	.22
"	Governor .....	" .....	555	185	124	.67	13	11½	.80	4½	4	2	20	6	...	.20
"	Standard .....	" .....	553	197	123	.62	13	14	.76	5	2	2	26	7	5	.24
"	Otoe Chief .....	" .....	553	172	100	.58	17	9	.73	5	3	2	25	6½	4½	.27



Stone, R. J., Stonington, Ill.....	Dick.....	Oxford-Southdown	558	139	81	.58	15	5	.73	5	2½	2	21	6½	1	.27
Stanford, E. & A., Steyning, Eng.	Dan.....	Southdown .....	612	160	105	.66	14½	6	.78	5	2	1½	15	5½	5½	.31
Conley, Geo., Marshall, Mich.....	Dick.....	Shropshire-Merino	592	170	96	.56	17	8½	.71	5½	3½	3	30	6½	.....	.29
Powis, J. E. W., Wayne, Ill.....	Promise of Wayne	Oxford.....	617	207	121	.58	19½	10½	.73	5	3½	3	29½	7½	7½	.27
Rutherford, John, Roseville, Ont.	Graham.....	Lincoln.....	540	180	112	.62	16	7	.75	5	2	2	25	6½	4½	.25
Average.....	.....	.....	570	177	109	.61½	15	9	.75	5	3	2	23	64	4	.25

Wether under 1 year.

Mrs. Ann Newton, Pontiac Mich.	Ned.....	Leicester-Shrops'r.	206	95	46	.48	13	2	.64	5	2	1½	19	4½	2	.36
R J. Stone, Stonington, Ill.....	Clipper.....	Oxford.....	195	129	70	.54	15	4	.69	4	2	1½	22	5	5½	.31
E. & A. Stanford, Steyning, Eng.	Delos.....	Southdown .....	253	128	75	.58	13	5	.73	4	2	2	19	5	3	.27
Average.....	.....	.....	218	117	64	.53	14	4	.69	4½	2	1⅔	20	5	3½	.31

## LOT 49—GAIN PER DAY.

Wether over six months of age, showing greatest average gain per day including weight at birth.

No.	Exhibitor.	Age in days, November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
722	Geo. Allen & Son, Archie, Ill.	207	127	.61	Bobby 5th .....	Gr. Shropshire ....
618	John Rutherford, Roseville, Ont	189	125	.67	Sampson .....	Shropshire .....
724	" "	189	221	1.17	Snowball .....	Southd'n-Leicester
633	" "	187	162	.87	Stanford .....	Hampshire.....
670	" "	208	142	.70	Bill.....	Leicester .....
660	Mrs. Ann Newton, Pontiac, Mich .....	214	120	.56	Beatty .....	Cotswold .....
648	R. J. Stone, Stonington, Ill....	195	135	.69	Clipper .....	Oxford .....
649	" "	194	135	.69	Treadwell .....	Oxford .....
Average .....		198	146	.62		

Premium to wether Snowball, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... \$25 00

## LOT 50—COST OF PRODUCTION.

Wether over 2 years old produced at least cost per pound, live weight.

601	B. Waddell, Marion, O .....	891	231	.26	Pet .....	Shropshire .....
689	John Rutherford, Roseville, Ont	901	347	.38	Jumbo .....	Shr'pshire-Lincoln
Average .....		896	289	.32		

Premium to wether Pet, exhibited by B. Waddell, Marion, O.—

Illinois State Board of Agriculture..... \$25 00

## LOT 50—COST OF PRODUCTION.

*To the State Board of Agriculture:*

Your committee to whom was assigned the duty of awarding the premiums in the cost of production rings, beg leave to report entries of sheep as follows:

Wether over 2 years old. B. Waddell, Marion, O, Shropshire wether, Pet, dropped June 1, 1885.

John Rutherford, Roseville, Ont., Shropshire-Lincoln wether, Jumbo, dropped May 22, 1885.

In order that the results might be determined solely upon the quantities of the various kinds of food used, as well as the skill of the feeder, the price of each article of food named in the statements was determined upon an equitable and uniform basis to all the competitors, as follows:

Value of lamb at birth.....	\$1 25
Value of pasture and other food consumed and interest on value of ewe to be charged to lamb up to weaning time.....	90
Value of shelled corn per 100 lbs.....	71
Value of corn in ear per 100 lbs.....	53
Value of corn-fodder .....	10
Value of pasturage of lamb per month, up to 12 months.....	15
Value of pasturage per month, 12 to 24 months.....	15
Value of pasturage per month, 24 to 36 months.....	15
Expense for care, feeding, salting and interest up to 12 months .....	1 00
Expense for care, feeding, salting and interest, 12 to 24 months.....	1 00
Expense for care, feeding, salting and interest, 24 to 36 months.....	1 00



The great diversity of articles of food consumed by the competing animals, as well as the methods of handling stock, makes it somewhat difficult to determine upon the comparative value of some of the articles of food named for the most rapid production of mutton, the quality of which can not be satisfactorily determined until the carcasses are displayed upon the block. The prices of grain, etc., named above, are not the present market prices, but a fair average for a term of years. It will be seen that the value of a lamb at birth, pasturage consumed and expense for care, etc., are the same with each exhibitor.

The quantities of food consumed each year by each animal, and the value thereof as fixed by your committee, are herewith given as follows:

*Jumbo*—Date of birth, May 22, 1885. From birth to twelve months of age: Value at birth, \$1.25; value of pasture and other food consumed, and interest on value of ewe to be charged to lamb up to weaning time, 90 cents; 80 pounds oats, at 75 cents per 100, 60 cents; 40 pounds bran, at 60 cents per 100, 24 cents; 500 pounds hay, at 30 cents per 100, \$1.50; 300 pounds turnips, at 14 cents per 100, 42 cents; expense for care, etc., \$1.00; weight at twelve months of age 200 pounds, at a cost of \$5.91, or 2.95 cents per pound.

From twelve to twenty-four months of age: 160 pounds peas, at 75 cents per 100, \$1.20; 120 pounds oats, at 75 cents per 100, 90 cents; 200 pounds bran, at 60 cents per 100, \$1.20; 400 pounds hay, at 30 cents per 100, \$1.20; 500 pounds turnips, at 14 cents per 100, 70 cents; expense for care, etc., \$1; weight at twenty-four months of age 300 pounds, at a cost of \$12.11, or 4.04 cents per pound.

From twenty-four months of age to November 8, 1887: 100 pounds peas, at 75 cents per 100, 75 cents; 125 pounds oats, at 75 cents per 100, 94 cents; 50 pounds bran, at 60 cents per 100, 30 cents; 25 pounds oil cake, at \$1.25 per 100, 61 cents; 100 pounds hay, at 30 cents per 100, 30 cents; 100 pounds turnips, at 14 cents per 100, 14 cents; expense for care, etc., \$1; weight November 8, 1887, 317 pounds, at a total cost of \$16.15, or 4.65 cents per pound.

*Pet*—Date of birth June 1, 1885. From birth to twelve months of age: Value at birth, \$1.25; value of pasture and other food consumed and interest on value of ewe, to be charged to lamb up to weaning time, 90 cents; pasturage, \$1.50; 200 pounds clover hay, at 30 cents per 100, 60 cents; expense for care, etc., \$1; weight at twelve months of age 125 pounds, at a cost of \$5.25, or 4.20 cents per pound.

From twelve to twenty-four months of age: Pasturage, \$1.80; 200 pounds hay, at 30 cents per 100 60 cents; expense for care, etc., \$1; weight at twenty-four months of age 200 pounds, at a cost of \$8.65, or 4.325 cents per pound.

From twenty-four months of age to November 8, 1887: Pasturage, 75 cents; 136 pounds corn in the ear, at 53 cents per 100, 72 cents; expense for care, etc., 42 cents; weight November 8, 1887, 231 pounds, at a total cost of \$10.54, or 4.56 cents per pound.

The premium was awarded to B. Waddel, Marion, O., on Shropshire wether *Pet*, weight 231 pounds; total cost of production \$10.54 cents, or 4.56 cents per pound.

The committee would recommend that greater care be given by exhibitors in their statements as to quantity of each article of food consumed, exact time that animals were on pasture or stockfields, and details for expenses for care, etc., to enable the committee to make careful comparison of the various methods of feeding, and the effect of the same upon the animals. The committee would call attention to one of the lessons to be learned in the statistics presented herewith, and forming a part of the report. The committee cannot too strongly urge upon the feeders the importance of liberal feeding from birth of lamb, and giving more attention to the important matter of early maturity.

(Signed)

LAFAYETTE FUNK,  
SIMON ELLIOTT,

Committee.

COST OF PRODUCTION.

Wether 1 to 12 months old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal	Date of birth.	Value at birth .....	Value pasture and other food consumed and interest on value of ewe to be charged to lamb up to weaning time.....	Value grain consumed	Value hay and forage consumed.....	Value pasture .....	Expense for care, etc.	Total cost.....	Weight at 12 months.	Value at 12 months at \$6.70 per 100 lbs....	Cost of production per pound .....
John Rutherford, Roseville, Ont.....	Shropshire-Lincoln	Jumbo .....	May 22, 1885	\$1 25	\$0 90	\$0 60	\$2 16	.....	\$1 00	\$5 91	200	\$13 40	\$ .0295
B. Waddel, Marlon, Ohio.....	Shropshire .....	Pet.....	June 1, 1885	1 25	90	.....	60	\$1 50	1 00	5 25	125	8 37	.042
Average .....	.....	.....	.....	\$1 25	\$0 90	\$0 60	\$1 38	\$1 50	\$1 00	\$5 58	162½	\$11 88½	\$ .0357½

Wether 12 to 24 months old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Breed.	Value grain consumed	Value hay and forage consumed .....	Value pasture.....	Expense for care, etc.	Total cost of production 12 to 24 months.	Weight at 24 months .	Value at 24 months, at \$6.70 per 100 pounds.	Cost of production per lb on gain made from 12 to 24 months	Gain 12 to 24 months	Increase in gain, 1st 12 months over 2d 12 months .....
John Rutherford, Roseville, Ont.....	Shropshire-Lincoln ....	Jumbo.....	May 22, 1885	\$0 90	\$4 30	.....	\$1 00	\$6 20	300	\$20 10	\$0 06½	100	100
B. Waddel, Marlon, Ohio.....	Shropshire .....	Pet.....	June 1, 1885	.....	60	\$1 80	1 00	3 40	200	13 40	04½	75	50
Average .....	.....	.....	.....	\$0 90	\$2 45	\$1 80	\$1 00	\$4 80	250	\$16 75	\$0.0535	87½	75



# CLASS D—SWINE.

SIMON ELLIOTT, *Superintendent.*

No. of Pen.....	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth .....	Name of Animal.	Breed.
1	Stone, R. J., Stonington, Ill.	June 8, 1886	519	570	1.10	Stonington Boy.....	Poland-China .....
2	"	July 4, 1886	493	433	.87	Lord Wilton.....	Victoria .....
2	"	July 4, 1886	493	503	1.02	Jake.....	" .....
3	"	March 3, 1887	251	305	1.21	Get There.....	" .....
3	"	March 3, 1887	251	283	1.13	Get There 2d.....	" .....
4	"	March 3, 1887	251	271	1.04	Get There 3d.....	" .....
4	"	May 20, 1887	173	196	1.13	Pom.....	" .....
5	"	May 20, 1887	173	225	1.30	Tom 2d.....	" .....
5	"	May 22, 1887	171	218	1.28	Fatty.....	$\frac{1}{2}$ Poland-China, $\frac{1}{2}$ Berkshire .....
6	Clark, H. H. & Co., Onarga, Ill.	May 2, 1887	191	230	1.20	Sam.....	Poland-China .....
6	"	May 2, 1887	191	192	1.00	Dan.....	" .....
6	"	May 10, 1887	183	183	1.00	Handy.....	" $\frac{3}{4}$ Native .....
7	"	June 29, 1886	498	410	.82	Sandy.....	" $\frac{1}{2}$ Duroc.....
7	"	November 20, 1886	354	347	.98	Dandy.....	" $\frac{1}{2}$ Native .....
8	"	November 21, 1886	353	341	.96	Joe.....	Poland-China .....
8	"	December 27, 1886	317	367	1.16	Ed.....	" .....
9	"	September 7, 1886	428	457	1.07	Dick.....	" .....
9	"	September 2, 1886	433	442	1.02	Harry.....	" .....
9	"	July 9, 1886	488	501	1.03	Tom.....	" .....
11	Wells, F. F., Kenney, Ill.	June 19, 1886	508	445	.87	Prince.....	Berkshire .....
11	"	May 25, 1886	533	385	.72	Henry.....	Poland-China .....
12	"	November 29, 1886	345	266	.80	Nigger.....	Essex .....
12	"	May 27, 1887	166	102	.61	Frank.....	" .....
13	"	September 10, 1886	425	496	1.17	Spottie.....	$\frac{1}{2}$ Essex, $\frac{1}{2}$ Poland-China .....
13	"	March 10, 1887	244	270	1.11	Bill.....	$\frac{7}{8}$ Poland-China, $\frac{1}{4}$ Native.....
14	"	December 10, 1886	334	345	1.03	All.....	" $\frac{1}{4}$ " .....
14	"	May 12, 1887	181	191	1.06	Sam.....	" $\frac{1}{8}$ Berkshire.....
15	"	May 20, 1886	538	450	.83	Blackey.....	Essex .....
16	Squier, W. A., Kenney, Ill.	May 21, 1886	537	400	.75	Dictator.....	Duroc .....
16	"	November 16, 1886	358	492	1.37	Dave.....	" .....
17	"	September 28, 1886	407	345	.85	Macon.....	Berkshire .....
17	"	November 28, 1886	346	374	1.08	Prince of Kenney.....	" .....
18	Bennett, Thos., Rossville, Ill.	February 11, 1887	271	303	1.12	Rover.....	Duroc .....
18	"	March 29, 1887	225	292	1.30	Dick.....	" .....
18	"	May 28, 1887	165	185	1.12	Charlie.....	" .....

No. of Pen .....	Name and Postoffice of Exhibitor.	Date of birth.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
19	Bennett, Thos., Rossville, Ill.	May 17, 1886	541	694	1.23	Monarch.....	Duroc.....
19	"	May 17, 1886	541	572	1.06	Empire.....	"
20	Chapman, A. P. & Co., Sugar Grove, Ill.	May 27, 1886	531	425	1.80	Chub.....	Yorkshire.....
21	"	June 18, 1887	509	507	1.00	Gust.....	Gothland.....
21	"	December 7, 1886	337	380	1.13	Victor.....	"
22	Henley, L. C., Mattoon, Ill.	July 16, 1887	116	133	1.15	Brick.....	Yorkshire, ½ Poland-China.....
23	"	March 11, 1887	243	326	1.34	Jim.....	¾ Berkshire.....
23	"	July 3, 1887	129	165	1.28	Joe.....	Yorkshire.....
24	"	July 5, 1886	477	400	.84	King.....	"
24	"	July 20, 1886	488	409	.82	Kido.....	"
24	"	July 9, 1886	327	310	.95	Kiser.....	"
25	"	March 24, 1887	230	267	1.16	Sam.....	Yorkshire, ¼ Poland-China, ¼ Berks're.
25	"	March 21, 1887	233	258	1.11	Ed.....	½ Yorkshire, ½ Poland-China.....
25	"	March 21, 1887	233	260	1.11	Howe.....	Yorkshire.....
26	"	July 27, 1886	470	430	.91	Good.....	"
26	"	July 27, 1886	470	481	1.02	Better.....	"
26	"	September 9, 1886	426	415	.97	Best.....	"
27	"	December 17, 1886	327	310	.95	Short.....	"
27	"	December 17, 1886	327	270	.83	Shorter.....	"
28	Davis, Geo. F. & Co., Dyer, Ind.	August 1, 1886	465	436	.94	Cleveland.....	Victoria.....
28	"	August 1, 1886	465	420	.90	Victor.....	"
28	"	November 30, 1886	344	370	1.07	Logan.....	"
30	Willson, Frank, Jackson, Mich.	October 14, 1886	391	334	.85	Bogardus.....	Essex.....
30	"	February 28, 1887	254	287	1.13	Albert.....	"
30	"	February 28, 1887	254	267	1.03	June.....	"
31	"	June 28, 1886	499	537	1.08	Gallant Boy.....	Berkshire.....
32	"	June 28, 1886	499	577	1.16	Royal Harry.....	"
33	Bennett, Thos., Rossville, Ill.	.....	.....	960	.....	Sir Robert.....	Duroc.....
34	Squier, W. A., Kenney, Ill.	May 22, 1887	171	191	1.14	Prince.....	Berkshire.....
34	"	May 18, 1887	175	197	1.12	Dick.....	Duroc.....
35	Todd, S. H., Wakeman, Ohio	May 25, 1886	533	482	.90	Black Prince.....	Poland-China.....
36	"	April 5, 1887	218	278	1.27	Tempest.....	Chester White.....
36	"	July 15, 1886	482	372	.77	Beauty.....	¾ Poland-China, ¼ Chester White.....
38	Willson, Frank, Jackson, Mich.	October 13, 1886	392	323	.82	Wm. C.....	Suffolk.....
38	"	January 11, 1887	301	290	.96	Henry.....	"



39	Willson, Frank, Jackson, Mich.	.....	January	11, 1887	301	247	.82	Hank	.....	Suffolk
39	"	.....	January	11, 1887	301	260	.86	Harty	.....	"
40	"	.....	July	4, 1887	138	154	1.20	Wonder	.....	Essex
40	"	.....	June	28, 1887	134	150	1.12	Jim	.....	Suffolk
42	Doney, E. T., Jackson, Mich.	.....	November	23, 1886	351	310	.88	Fortune	.....	Essex
42	"	.....	July	7, 1887	125	132	1.06	Billy Eye	.....	"
43	Todd, S. H., Wakeman, Ohio	.....	April	28, 1887	195	245	1.25	Tempest 2d	.....	Chester White
43	"	.....	June	30, 1887	132	180	1.36	Sunshine	.....	"
43	"	.....	May	10, 1887	183	210	1.15	Sunshine 2d	.....	"
44	"	.....	September	10, 1886	425	462	1.09	Get There	.....	"
44	"	.....	August	22, 1886	444	470	1.06	Get There 2d	.....	"
45	"	.....	April	25, 1887	198	206	1.19	Peter	.....	"
45	"	.....	May	15, 1887	178	218	1.22	Victor	.....	"
45	"	.....	April	25, 1887	198	333	1.68	Peter 2d	.....	"
46	"	.....	August	14, 1886	450	522	1.16	Spot	.....	"
48	Price, J. R. & Son, Williamsville, Ill.	.....	August	14, 1884	450	503	1.12	White	.....	"
48	"	.....	January	10, 1887	303	450	1.48	Little Spot	.....	"
49	"	.....	January	10, 1887	303	392	1.29	Groppy	.....	"
49	"	.....	April	3, 1887	218	300	1.37	No. 1	.....	"
50	"	.....	April	3, 1887	218	307	1.40	No. 2	.....	"
50	"	.....	July	4, 1886	493	445	.90	Thoroughbred	.....	"
51	"	.....	July	15, 1887	178	191	1.07	Tom	.....	"
51	"	.....	May	5, 1886	583	522	.89	Standard	.....	Poland-China
52	Hayzlett, W. P., Bolckow, Mo	.....	April	17, 1886	571	535	.94	Jumbo	.....	"
52	"	.....	April	20, 1886	446	375	.84	Rattler	.....	"
53	"	.....	August	4, 1886	462	390	.84	Star	.....	"
53	"	.....	August	10, 1886	464	385	1.06	Gordon	.....	"
53	"	.....	November	1, 1886	434	383	.88	Clipper	.....	Essex
55	Doney, E. T., Jackson, Mich.	.....	September	1, 1886	434	362	.83	Seller	.....	"
55	"	.....	September	25, 1886	533	490	.92	Bouncer	.....	Victoria
55	Davis, Geo. F. & Co., Dyer, Ind.	.....	May	4, 1887	131	182	1.39	Fatty	.....	"
55	"	.....	July	4, 1887	131	182			.....	"

TABLE OF MEASUREMENTS OF PRIZE-WINNING ANIMALS.

No.	Name of Animal.	Age in days, November 8, 1887..	Weight in pounds .....	Average gain per day since birth.....	Length of carcass .....	Heart girth.....	Flank girth.....	Girth of middle of paunch .....	Girth of throat-latch....	HEIGHT FROM GROUND.				Depth from top line to lower shoulder point.	Thickness through the crop .....	Length of back from top shoulder to loins.....	Width across the loins..	Length of quarter from loin to hock.....	Depth from loin to hock.
										Shoulder .	Hip.....	Fore flank.	Flank ....						
			ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
738	Prince, Berkshire, 12 and under 18 months, 1st premium.....	508	445	.87	4-03	5-03	5-01	3-06	4-00	2-03	2-04½	-08¾	-07½	2-02½	1-08	1-07	1-04	1-01	2-05½
732	Macon, Berkshire, 12 and under 18 months, 2d premium.....	407	345	.85	4-02½	4-05½	5-06	4-08½	3-07	2-03	2-04½	-09½	-10¾	1-10½	-06½	1-06	-06	1-01½	1-03½
730	Gallant Boy, Berkshire, 12 and under 18 mos., 3d premium.....	499	537	1.08	4-08	5-02	5-06	5-06½	3-10	2-04¾	2-05¾	-08½	-09½	2-03½	1-05	1-06	1-04	1-03	2-07½
734	Prince of Kenney, Berkshire, 6 and under 12 months, 1st premium.....	346	374	1.08	4-01¾	5-00½	4-07	5-01	3-11	2-02	2-03	-08¾	-08¾	2-01½	1-03½	1-09	1-02	1-02	1-02½
735	Prince, Berkshire, under 6 months old, 1st premium .....	171	191	1.14	3-03½	3-08½	3-07½	4-00	2-10	1-10¾	2-00¼	-07	-08	1-09½	-11	1-04½	-10	1-00	1-11½
743	Black Prince, Poland-China, 12 and under 18 months, 1st premium .....	533	482	.90	4-06	5-04	5-06	5-05	3-11½	2-06	2-06½	-07½	-05¼	2-04	1-05	1-05½	1-04	1-03½	2-06½
736	Tom, Poland-China, 12 and under 18 months, 2d premium.....	488	501	1.03	4-00	4-09	4-10	5-01½	3-08	2-02¾	2-04½	-07	-06½	1-10½	1-04	1-02½	1-03½	1-02	2-04½
740	Ratler, Poland-China, 12 and under 18 mos., 3d premium.....	446	375	.84	4-03½	5-03	5-02½	5-08	3-06½	2-04¼	2-06¼	-08½	-08¾	2-03½	1-06	1-04	1-04	1-04½	2-06½
744	Joe, Poland-China, 6 and under 12 months, 1st premium.....	353	341	.96	3-10½	4-05	4-08½	4-08½	3-03	2-00½	2-01½	-07	-07	1-10½	1-02	1-03½	1-01¾	1-03	2-04½
745	Ed, Poland-China, 6 and under 12 months, 2d premium.....	317	367	1.16	3-11	4-10	4-11½	4-11½	3-04½	2-02¼	2-04½	-07½	-08	2-01	1-02½	1-02½	1-01½	1-04½	2-05
746	Gordon, Poland-China, 6 and under 12 mos., 3d premium.....	364	385	1.06	4-01	4-11	5-02½	5-02½	3-06½	2-02	2-04½	-07¼	-08	1-11½	1-02	1-04	1-01½	1-03	2-05
747	Sam, Poland-China, under 6 months old, 1st premium.....	191	230	1.20	3-03	3-11	3-11	4-02	2-08	1-11¼	2-00½	-06	-07¾	1-06	1-01	1-01	-11½	1-01½	2-00
749	Get There, Chester White, 12 and under 18 months, 1st premium.....	425	462	1.09	4-01	5-02	5-02	5-03½	3-07	2-08½	2-05	-06½	-06¾	2-02	1-05	1-04	1-04	1-04	2-06
751	Thoroughbred, Chester White, 12 and under 18 months, 2d premium .....	493	445	.90	4-00	5-03½	5-05	5-05½	3-09	2-04	2-04½	-06	-09	2-03½	1-06	1-03½	1-03	1-02½	2-05½



750	Get There 2d, Chester White, 12 and under 18 months, 3d premium.....	444	470	1.06	4-00½	5-04	5-03	5-04	3-08	2-02¾	2-04¼	-05½	-06½	2-03	1-07	1-05	1-04	1-02½	2-07
755	Groppy, Chester White, 6 and under 12 mos., 1st premium.....	303	392	1.29	3-10½	4-11	5-04	5-03	3-06½	2-02¾	2-03	-08¼	-07¾	1-11	1-04	1-02½	1-03	1-02	2-03½
754	Little Spot, Chester White, 6 and under 12 months, 2d premium.....	303	450	1.48	4-01	4-10	5-00	5-02	3-03½	2-02	2-03¼	-08¼	-07¾	2-01	1-04	1-02	1-03	1-03½	2-04
752	Tempest, Chester White, 6 and under 12 months, 3d premium.....	218	278	1.27	3-04	3-11½	3-10½	4-00½	2-10	1-08¼	1-10½	-05	-06	1-08½	1-00½	1-00	1-00	1-01	1-09½
756	Sunshine, Chester White, under 6 months old, 1st premium.....	132	180	1.36	5-06	4-00	3-11	4-03	2-10	1-10¾	2-00	-07	-07½	1-08	1-00½	1-02	-10½	1-01½	2-00½
759	Bogardus, Essex, 12 and under 18 months, 1st premium.....	391	334	.85	4-00	4-06	4-09½	4-09½	3-03	2-00½	2-01½	-07½	-06¾	2-00	1-03	1-01½	1-02	1-02½	2-02½
761	Seller, Essex, 12 and under 18 months, 2d premium.....	434	362	.83	4-01	4-08	4-09½	5-02	3-03	2-01	2-02	-07½	-07½	1-10	1-04	1-01½	1-03	1-02½	2-04
760	Clipper, Essex, 12 and under 18 months, 3d premium.....	434	388	.88	4-02	4-11	4-10	5-01½	3-08	2-03	2-03¾	-08	-08½	2-01½	1-03	1-02	1-02	1-03	2-04
765	June, Essex, 6 and under 12 months, 1st premium.....	254	267	1.03	3-10	4-04	5-06	5-06	3-08½	2-00	2-00½	-07½	-07½	1-09	1-01½	1-03	1-01	1-02½	2-03
763	Albert, Essex, 6 and under 12 months, 2d premium.....	254	287	1.13	3-06½	4-03	4-03	4-04½	3-02	1-11¼	1-11¼	-06½	-07¼	1-10	1-02	1-00	1-01	1-01½	2-02
766	Nigger, Essex, 6 and under 12 months, 3d premium.....	345	266	.80	3-07½	4-00½	4-03	4-00½	3-05	1-11	2-01½	-08¼	-08½	1-07½	1-01	1-03½	1-00	1-02	2-01
768	Billy Eye, Essex, under 6 months old, 1st premium.....	125	132	1.06	2-10	3-02½	3-06½	3-06½	2-03	1-07¼	1-07¾	-06½	-07	1-04½	-09	-10	-08½	1-01	1-08
771	Monarch, Duroc Jersey Red, 12 and under 18 months, 1st premium.....	541	694	1.28	5-02	6-03½	6-03½	5-04	3-08½	2-03	2-01¾	-09	-09	2-09½	1-07½	1-07	1-07	1-06	3-00
770	Dictator, Duroc Jersey Red, 12 and under 18 months, 2d premium.....	537	400	.75	4-03	5-01	5-04	5-04	3-11	2-08½	2-09½	-09	-07	2-00½	1-03½	1-07	1-03	4-06	2-05½
772	Empire, Duroc Jersey Red, 12 and under 18 months, 3d premium.....	541	572	1.06	4-05½	5-09	6-00	5-10	3-10	2-04½	2-05	-06½	-07	2-04½	1-06	1-04	1-04½	1-04½	2-09
774	Rover, Duroc Jersey Red, 6 and under 12 months, 1st premium.....	271	303	1.12	3-10	4-03	4-04	4-08½	3-02½	2-01	2-03	-06½	-07	2-09	1-01	1-01	1-00	1-02	2-04½
775	Dick, Duroc Jersey Red, 6 and under 12 months, 2d premium.....	225	292	1.30	3-09	4-02	4-07½	4-08½	3-03	2-00	2-02	-07½	-08	1-09	1-01	1-02	-11¾	2-02½	1-10
773	Dave, Duroc Jersey Red, 6 and under 12 mos., 3d premium.....	358	492	1.37	4-07½	5-04	5-04½	5-09½	4-02½	2-02	2-05½	-08¾	-09¼	2-03	1-06½	2-01½	1-03½	1-04	2-07
776	Dick, Duroc Jersey Red, under 6 months old, 1st premium.....	175	197	1.12	3-03½	3-08	3-09	4-02	3-01½	1-09¼	1-10¼	-07½	-07½	1-07½	-10½	1-05	-11½	-11½	1-10½
779	King, Yorkshire, 12 and under 18 months, 1st premium.....	477	400	.84	3-11½	5-02½	5-03½	5-05½	4-00½	2-03	2-04½	-06½	-06½	2-01	1-03	1-03	1-02	1-03	2-05
778	Chub, Yorkshire, 12 and under 18 months, 3d premium.....	531	425	.80	3-11½	5-00½	5-01	5-05½	4-01	2-04	2-03	-06¼	-06½	2-03	1-06	1-02	1-04	1-04½	2-06
780	Kido, Yorkshire, 12 and under 18 months, 3d premium.....	488	409	.82	4-00	4-10½	5-00	5-03	3-11	2-04¼	2-05¾	-08¾	-09	2-02	1-03	1-03	1-01	1-03	2-07½
783	Shorter, Yorkshire, 6 and 12 months, 1st premium.....	327	270	.83	3-05½	4-05½	4-04	4-07	3-05	1-11¾	1-11½	-06	-06¾	1-11	1-02	1-01½	1-01	1-02	2-01½
782	Short, Yorkshire, 6 and under 12 months, 2d premium.....	327	310	.95	6-06	4-07½	4-06	4-10	3-03	1-01	1-01¾	-08¼	-08½	1-10½	1-02½	1-00½	1-01½	1-01½	2-01
784	Joe, Yorkshire, under 6 months old, 1st premium.....	129	165	1.28	2-10½	3-07	3-09½	3-06½	1-11	1-08	1-09¾	-06¾	-07	1-06	-11	-11½	-09½	1-01	1-11½

Table of Measurements—Continued.

No.	Name of Animal.	Age in days, November 8, 1887..	Weight in pounds .....	Average gain per day since birth .....	Length of carcass.....	Heart girth.....	Flank girth.....	Girth of middle of paunch.....	Girth of throat-latch...	HEIGHT FROM GROUND.				Depth from top line to lower shoulder point.	Thickness through the crop .....	Length of back from top shoulder to loins .....	Width across the lions.	Length of quarter from loin to hock .....	Depth from loin to hock.
										Shoulder..	Hip.....	Fore flank.	Flank ....						
					ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
785	Wm. C., Suffolk, 12 and under 18 months, 1st premium .....	392	323	.82	3-08	4-06	4-05½	4-06½	3-08	2-01¾	2-02½	-07½	-08¼	2-00	1-03	1-04½	1-01½	1-01	2-03½
786	Hank, Suffolk, 6 and under 12 months, 1st premium .....	301	247	.82	3-06	4-01½	4-05	4-05½	3-03½	2-00¾	2-01	-07	-06¾	1-10	1-00½	1-03	1-00	1-03½	2-01½
788	Harry, Suffolk, 6 and under 12 months, 2d premium .....	301	260	.86	3-06	3-11	4-01	4-04	1-09½	1-11	1-11¼	-06½	-06¾	1-08½	1-01½	1-01	1-01	1-00	1-09½
787	Henry, Suffolk, 6 and under 12 months, 3d premium .....	301	290	.96	3-06	4-01½	4-04	4-05½	3-05½	1-11½	2-00	-07	-07½	1-11	2-01½	1-00	1-00½	1-02½	2-00½
789	Jim, Suffolk, under 6 months old, 1st premium .....	134	150	1.12	2-11	3-02	3-05	3-05	2-06½	1-07¼	1-07½	-07	-07¼	1-06	-09½	1-00	-09	-10½	1-07½
793	Cleveland, Victoria, 12 and under 18 months, 1st premium .....	465	436	.94	4-01	4-10	5-04	5-02½	3-04	2-04½	2-05½	-08½	-08¾	2-00	1-03½	1-03	1-02	1-04	2-04½
794	Victor, Victoria, 12 and under 18 months, 2d premium .....	465	420	.90	4-04	5-00	5-01½	5-04	3-02	2-04¾	2-06¼	-09½	-09	2-01	1-03½	1-05	1-03	1-03½	2-06
790	Lord Wilton, Victoria, 12 and under 18 mos., 3d premium .....	493	433	.87	4-00½	4-00	5-00	4-11	3-10	2-04½	2-05¼	-10	-10	2-00½	1-03	1-04½	1-02	1-03	2-06
796	Get There 2d, Victoria, 6 and under 12 months, 1st premium .....	251	305	1.21	7-06	4-05	4-04	4-09	3-08	2-01¾	2-02¾	-07	-08½	2-00	1-02½	1-02½	1-01	1-01½	1-02
795	Get There, Victoria, 6 and under 12 months, 2d premium .....	251	283	1.13	3-06	4-06	4-04	4-08½	3-05	2-01½	2-02¼	-07¾	-08	-10½	1-01	1-02	1-00	1-02½	2-04
797	Get There 3d, Victoria, 6 and under 12 months, 3d premium .....	251	271	1.04	3-00	4-05½	4-05½	4-07½	3-03½	1-11	2-02¼	-07¼	-08½	1-10	1-02	1-01	1-00½	1-03½	2-02
799	Tom, Victoria, under 6 months old, 1st premium .....	173	196	1.13	3-02	3-10	-11½	2-06	3-02	1-08½	1-10½	-06¾	-06¾	1-06½	-11½	1-03	-11	1-02	2-01
807	Beauty, grade Poland-China, 12 and under 18 months, 1st premium .....	482	372	.77	3-11	5-01	5-00	5-01	3-07	2-03½	2-05	-06¾	-07	2-00	1-00	1-02¾	1-02	1-03½	2-07
802	Sandy, Poland-China-Duroc, 12 and under 15 months, 2d premium .....	496	410	.82	4-01	5-01½	5-03½	5-03½	3-01	2-04	2-06½	-09	-09	2-00½	1-03	1-04	1-00½	1-04½	2-06
800	Spottie, Essex-Poland-China, 12 and under 18 months, 3d premium .....	425	496	1.17	4-04	5-03	5-00½	5-06½	4-02	2-03½	2-06	-07½	-07¼	2-02	1-06½	1-07	1-03½	1-01½	2-04½



815	All, grade Poland-China, 6 and under 12 months, 1st premium.....	334	345	1.03	4-01	4-07½	4-09½	5-00½	3-07	2-01½	2-03½	-08¾	-09¾	2-00½	1-04	1-04	1-00½	1-01½	2-04
816	Bill, grade Poland-China, 6 and under 12 months, 2d premium.....	244	270	1.11	3-10	4-00	4-00	4-06	2-11	1-11½	2-03	-08¾	-09¾	1-07½	1-02	1-04½	1-01½	-10½	2-01
820	No 2, grade Chester White, 6 and under 12 months, 3d premium.....	218	307	1.40	3-08½	4-02½	4-05	4-06	3-03½	2-00	2-01½	-06½	-08	1-09½	1-00	1-03	1-00½	1-03½	2-02
825	Victor, grade Chester White, under 6 mos. old, 1st premium.....	178	218	1.22	3-00	3-10	3-10	4-01½	2-10	1-09½	1-10¾	-06	-07	1-07	-11½	1-01	-10½	1-00½	1-10½
827	Standard, Poland-China, best barrow in the Show, 1st premium.....	583	522	.89	4-06½	5-04	5-02	5-06	3-08½	2-05½	2-06½	-06¾	-08½	2-03	1-05	1-06	1-04	1-03	2-08
828	Sir Robert, Duroc, heaviest fat hog, 1st premium.....	.....	960	.....	5-08½	6-09½	6-08½	7-01	4-05½	3-04½	3-06½	-08½	-09	2-10½	1-08	2-01	1-06	1-06½	3-03½

## CLASS D—SWINE.

SIMON ELLIOTT, *Superintendent.*

## LOT 51—BERKSHIRE.

Barrow 12 and under 18 months.

No.	Name and Postoffice of Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth.....	Name of Animal.
730	Frank Willson, Jackson, Mich.....	499	537	1.08	Gallant Boy.....
731	“ “ “ “ .....	499	577	1.16	Royal Harry.....
732	W. A. Squier, Kenney, Ill.....	407	345	.85	Macon .....
733	F. F. Wells, Kenney, Ill.....	508	445	.87	Prince.....
	Average .....	478	476	.99	.

First premium to barrow Prince, exhibited by F. F. Wells, Kenney, Ill.—

Illinois State Board of Agriculture..... \$20 00

Second premium to barrow Macon, exhibited by W. A. Squier, Kenney, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Gallant Boy, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 10 00

Barrow 6 and under 12 months old.

734	W. A. Squier, Kenney, Ill .....	346	374	1.08	Prince of Kenney.....
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First premium to barrow Prince of Kenney, exhibited by W. A. Squier, Kenney, Ill.—

Illinois State Board of Agriculture..... \$20 00



Barrow under 6 months old.

No.	Name and Postoffice of Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
735	W. A. Squier, Kenney, Ill.....	171	191	1.14	Prince.....

First premium to barrow Prince, exhibited by W. A. Squier, Kenney, Ill.—

Illinois State Board of Agriculture .....	\$5 00
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LOT 52—POLAND—CHINA.

## Barrow 12 and under 18 months.

736	H. H. Clark & Co., Onarga, Ill.....	488	501	1.03	Tom.....
737	“ “.....	428	457	1.07	Dick.....
738	“ “.....	433	442	1.02	Harry.....
739	R. J. Stone, Stonington, Ill.....	519	570	1.10	Stonington Boy.....
740	W. P. Hayzlett, Bolckow, Mo.....	416	375	.84	Rattler.....
741	“ “.....	462	490	.84	Star.....
742	F. F. Wells, Kenney, Ill.....	533	385	.72	Henry.....
743	S. H. Todd, Wakeman, Ohio.....	533	482	.90	Black Prince.....
	Average.....	480	450	.94	

First premium to barrow Black Prince, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture.....	\$20 00
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Second premium to barrow Tom, exhibited by H. H. Clark & Co., Onarga, Ill.—

Illinois State Board of Agriculture.....	15 00
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Third premium to barrow Rattler, exhibited by W. P. Hayzlett, Bolckow, Mo.—

Illinois State Board of Agriculture.....	10 00
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Barrow 6 and under 12 months old.

744	H. H. Clark & Co., Onarga, Ill.....	353	341	.96	Joe.....
745	" " " " .....	317	367	1.16	Ed.....
746	W. P. Hayzlett, Bolckow, Mo.....	364	385	1.06	Gordon .....
	Average .....	345	364	1.06	

First premium to barrow Joe, exhibited by H. H. Clark & Co , Onarga, Ill.—

Illinois State Board of Agriculture.....	\$20 00
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Second premium to barrow Ed, exhibited by H. H. Clark & Co., Onarga, Ill.--

Illinois State Board of Agriculture.....	15 00
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Third premium to barrow Gordon, exhibited by W. P. Hayzlett, Bolckow, Mo.—

Illinois State Board of Agriculture.....	10 00
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Barrow under 6 months old.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.
747	H. H. Clark & Co., Onarga, Ill.....	191	230	1.20	Sam.....
748	“ “ “.....	191	192	1.00	Dan.....
	Average.....	191	211	1.10	

Premium to barrow Sam, exhibited by H. H. Clark & Co., Onarga, Ill.—

Illinois State Board of Agriculture.....	\$5 00
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LOT 53—CHESTER WHITE.

Barrow 12 and under 18 months.

[illegible]

First premium to barrow Get There, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture.....	\$20 00
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Second premium to barrow Thoroughbred, exhibited by J. R. Price & Son, Williamsville,

Illinois State Board of Agriculture.....	15 00
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Third premium to barrow Get There 2d, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture.....	10 00
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Barrow 6 and under 12 months old.

752	S. H. Todd, Wakeman, Ohio .....	218	278	1.27	Tempest .....
753	“ “ “ “ .....	195	245	1.25	Tempest 2d .....
754	J. R. Price & Son, Williamsville, Ill....	303	450	1.48	Little Spot.....
755	“ “ “ “ .....	303	392	1.29	Croppy.....
	Average .....	255	341	1.32	

First premium to barrow Croppy, exhibited by J. R. Price & Son, Williamsville, Ill.—

Illinois State Board of Agriculture.....	\$20 00
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Second premium to barrow Little Spot, exhibited by J. R. Price & Son, Williamsville, Ill.—

Illinois State Board of Agriculture.....	15 00
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Third premium to barrow Tempest, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture.....	10 00
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Barrow under 6 months old.

[illegible]

Premium to barrow Sunshine, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture.....	\$5 00
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LOT 54—ESSEX.

## Barrow 12 and under 18 months.

759	Frank Willson, Jackson, Mich.....	391	334	.85	Bogarpus .....
760	E. T. Doney, Jackson, Mich.....	434	383	.88	Clipper .....
761	" " " " " " " " " " " " " "	434	362	.83	seller .....
762	F. F. Wells, Kenney, Ill.....	538	450	.83	Blackey .....
	Average .....	449	382	.85	

First premium to barrow Bogardus, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	\$20 00
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Second premium to barrow Seller, exhibited by E. T. Doney, Jackson, Mich.—

Illinois State Board of Agriculture.....	15 00
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Third premium to barrow Clipper, exhibited by E. T. Doney, Jackson, Mich.—

Illinois State Board of Agriculture.....	10 0
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## Barrow 6 and under 12 months old.

763	Frank Willson, Jackson, Mich.....	254	287	1.13	Albert .....
764	E. T. Doney, Jackson, Mich .....	351	310	.83	Fortune.....
765	Frank Willson, Jackson, Mich.....	254	267	1.03	June .....
766	F. F. Wells, Kenney, Ill.....	345	266	.80	Nigger .....
	Average .....	301	232	.96	

First premium to barrow June, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	\$20 00
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Second premium to barrow Albert, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	15 00
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Third premium to barrow Nigger, exhibited by F. F. Wells, Kenney, Ill.—

Illinois State Board of Agriculture.....	10 00
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## Barrow under 6 months old.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.
767	Frank Willson, Jackson, Mich.....	128	154	1.20	Wonder.....
768	E. T. Doney, Jackson, Mich.....	125	132	1.06	Billy Eye.....
769	F. F. Wells, Kenney, Ill.....	166	102	.61	Frank.....
	Average.....	140	129	.96	

Premium to barrow Billy Eye, exhibited by E. T. Doney, Jackson, Mich. . . . .

Illinois State Board of Agriculture..... 0

## LOT 55—DUROC JERSEY RED.

## Barrow 12 and under 18 months.

770	W. A. Squier, Kenney, Ill.....	537	400	.75	Dictator.....
771	Thos. Bennett, Rossville, Ill.....	541	694	1.23	Monarch.....
772	“ “ “.....	541	572	1.06	Empire.....
	Average.....	540	555	1.03	

First premium to barrow Monarch, exhibited by Thos. Bennett, Rossville, Ill.—

Illinois State Board of Agriculture..... 20 00

Second premium to barrow Dictator, exhibited by W. A. Squier, Kenney, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Empire, exhibited by Thos. Bennett, Rossville, Ill.—

Illinois State Board of Agriculture..... 10 00

## Barrow 6 and under 12 months old.

773	W. A. Squier, Kenney, Ill.....	358	492	1.37	Dave.....
774	Thos. Bennett, Rossville, Ill.....	271	303	1.12	Rover.....
775	“ “ “.....	225	292	1.30	Dick.....
	Average.....	285	362	1.26	

First premium to barrow Rover, exhibited by Thos. Bennett, Rossville, Ill.—

Illinois State Board of Agriculture..... \$20 00

Second premium to barrow Dick, exhibited by Thos. Bennett, Rossville, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Dave, exhibited by W. A. Squier, Kenney, Ill.—

Illinois State Board of Agriculture..... 10 00



## Barrow under 6 months old.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day, in pounds, since birth .....	Name of Animal.
776	W. A. Squier, Kenney, Ill.....	175	197	1.12	Dick. ....
777	Thos. Bennett, Rossville, Ill.....	165	185	1.12	Charlie .....
	Average .....	170	191	1.12	

Premium to barrow Dick, exhibited by W. A. Squier, Kenney, Ill.—

Illinois State Board of Agriculture..... \$5 00

## LOT 56—YORKSHIRE.

## Barrow 12 and under 18 months.

778	A. P. Chapman & Co., Sugar Grove, Ill.	531	425	.80	Chub. ....
779	L. C. Henley, Mattoon, Ill .....	477	400	.84	King. ....
780	“ “ .....	488	409	.82	Kido. ....
781	“ “ .....	327	310	.95	Kiser .....
	Average .....	456	386	.85	

First premium to barrow King, exhibited by L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture..... \$20 00

Second premium to barrow Chub, exhibited by A. P. Chapman & Co., Sugar Grove, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Kido, exhibited by L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture..... 10 00

## Barrow 6 and under 12 months.

782	L. C. Henley, Mattoon, Ill.....	327	310	.95	Short .....
783	“ “ .....	327	270	.83	Shorter .....
	Average .....	327	290	.89	

First premium to barrow Shorter, exhibited by L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture..... \$20 00

Second premium to barrow Short, exhibited by L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture..... 15 00

## Barrow under 6 months.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day, in pounds, since birth .....	Name of Animal.
784	L. C. Henley, Mattoon, Ill .....	129	165	1.28	Joe .....

Premium to barrow Joe, exhibited by L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture..... \$5 00

## LOT 57—SUFFOLK.

## Barrow 12 and under 18 months.

785	Frank Willson, Jackson, Mich.....	392	323	.82	William C.....
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First premium to barrow William C., exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... \$20 00

## Barrow 6 and under 12 months.

786	Frank Willson, Jackson, Mich.....	301	247	.82	Hank .....
787	“ “ .....	301	290	.96	Henry .....
788	“ “ .....	301	260	.86	Harry .....
Average .....		301	266	.88	

First premium to barrow Hank, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... \$20 00

Second premium to barrow Harry, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Henry, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 10 00

## Barrow under 6 months.

789	Frank Willson, Jackson, Mich.....	134	150	1.12	Jim .....
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Premium to barrow Jim, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... \$5 00



Illinois State Board of Agriculture.....	\$5 00
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## LOT 59—GRADES AND CROSSES.

Best Barrow 12 and under 18 months.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day in pounds since birth .....	Name of Animal.	Breed.
802	H. H. Clark & Co., Onarga, Ill.	498	410	.82	Sandy .....	Pol'd-China-Duroc.
803	L. C. Henley, Mattoon, Ill. ..	470	430	.91	Good .....	Y'ksh're-Pol'd-Cha
804	" " " " .....	470	481	1.02	Better. ....	" "
805	" " " " .....	426	415	.97	Best. ....	" "
806	F. F. Wells, Kenney, Ill. ....	425	496	1.17	Spottie .....	Essex-Pol'd-China.
807	S. H. Todd, Wakeman, Ohio...	482	372	.77	Beauty .....	Gr. Poland-China.
808	J. R. Price & Son, Williams- ville, Ill. ....	450	522	1.16	Spot. ....	Gr. Chester-White.
809	J. R. Price & Son, Williams- ville, Ill. ....	450	503	1.12	White. ....	" "
	Average .....	459	454	.99		

First premium to barrow Beauty, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture..... \$20 00

Second premium to barrow Sandy, exhibited by H. H. Clark &amp; Co., Onarga, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Spottie, exhibited by F. F. Wells, Kenney, Ill.—

Illinois State Board of Agriculture..... 10 00

Barrow 6 and under 12 months.

810	H. H. Clark & Co., Onarga, Ill.	354	347	.98	Dandy .....	Gr. Poland-China..
811	L. C. Henley, Mattoon, Ill. ....	243	326	1.34	Jim .....	Gr. Yorkshire.....
812	" " " " .....	230	267	1.16	Sam .....	Y'ksh'e-P.-C.-B'k'e
813	" " " " .....	233	253	1 11	Ed. ....	Y'kshire-Poland-C.
814	" " " " .....	233	260	1.11	Howe .....	" "
815	F. F. Wells, Kenney, Ill. ....	334	345	1.03	All .....	Gr. Poland-China..
816	" " " " .....	244	270	1.11	Bill .....	" "
817	S. H. Todd, Wakeman, Ohio..	198	236	1.19	Peter .....	Victoria-Pol.-C....
818	" " " " .....	198	333	1.68	Peter 2d .....	" "
819	J. R. Price & Son, Williams- ville, Ill. ....	218	300	1.37	No. 1 .....	Gr. Chester White.
820	J. R. Price & Son, Williams- ville, Ill. ....	218	307	1.40	No. 2 .....	" "
	Average .....	246	295	1.22		

First premium to barrow All, exhibited by F. F. Wells, Kenney, Ill.—

Illinois State Board of Agriculture..... \$20 00

Second premium to barrow Bill, exhibited by F. F. Wells, Kenney, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow No. 2, exhibited by J. R. Price &amp; Son, Williamsville, Ill.—

Illinois State Board of Agriculture..... 10 00



Barow under 6 months.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
821	H. H. Clark & Co., Onarga, Ill	183	183	1.00	Handy.....	Gr. Poland-China..
822	R. J. Stone, Stonington, Ill...	171	218	1.28	Fatty.....	Poland-China-Bke.
823	L. C. Henley, Mattoon, Ill....	116	133	1.15	Brick.....	Y'kshire-Poland-C.
824	F. F. Wells, Kenney, Ill.....	181	191	1.06	Sam.....	Gr. Poland-China..
825	S. H. Todd, Wakeman, Ohio..	178	218	1.22	Victor.....	Gr. Chester White.
	Average. ....	166	189	1.14		

Premium to barrow Victor, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture.....	\$5 00
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LOT 60—ALL BREEDS AND GRADES BY AGES.

Best Barrow 12 and under 18 months.

733	F. F. Wells, Kenney, Ill.....	50	445	.87	Prince.....	Berkshire.....
743	S. H. Todd, Wakeman, Ohio..	535	482	.90	Black Prince .....	Poland-China.....
749	" " "	425	462	1.09	Get There .....	Chester White.....
759	Frank Willson, Jackson, Mich.	391	334	.85	Bogardus .....	Essex.....
771	Thos. Bennet, Rossville, Ill...	541	694	1.28	Monarch.....	Duroc.....
779	L. C. Henley, Mattoon, Ill....	477	400	.84	King .....	Yorkshire.....
785	Frank Willson, Jackson, Mich	392	323	.82	Wm C.....	Suffolk .....
793	Geo. F. Davis & Co., Dyer, Ind	465	436	.94	Cleveland.....	Victoria .....
807	S. H. Todd, Wakeman, Onio..	482	372	.77	Beauty .....	Gr. Poland-China..
	Average .....	468	439	.93		

Premium to barrow Get There, exhibited by S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture.....	\$25 00
Marshall Field & Co.....	50 00

Total .....	\$75 00
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Barrow 6 and under 12 months.

734	W. A. Squier, Kenney, Ill. ....	346	374	1.08	Prince of Kenney ..	Berkshire.....
744	H. H. Clark & Co., Onarga, Ill.	353	341	.96	Joe .....	Poland-China.....
755	J. R. Price & Son, Williams- ville, Ill. ....	303	392	1.29	Croppy .....	Chester White.....
765	Frank Willson, Jackson, Mich.	254	267	1.03	June.....	Essex.....
774	Thos. Bennett, Rossville, Ill..	271	303	1.12	Rover.....	Duroc.....
783	L. C. Henley, Mattoon, Ill....	327	270	.83	Shorter.....	Yorkshire .....
786	Frank Willson, Jackson, Mich	301	247	.82	Hank .....	Suffolk .....
796	R. J. Stone, Stonington, Ill....	251	283	1.13	Get There 2d .....	Victoria .....
815	F. F. Wells, Kenney, Ill.....	334	345	1.03	All .....	Gr. Poland-China..
	Average .....	304	314	1.03		

Premium to barrow All, exhibited by F. F. Wells, Kenney, Ill.—

Illinois State Board of Agriculture.....	\$25 00
Marshall Field & Co.....	50 00

Total .....	\$75 00.
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No.	Exhibitor.	Age in days, November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
735	W. A. Squier, Kenney, Ill.....	171	191	1.14	Prince.....	Berkshire.....
747	H. H. Clark & Co., Onarga, Ill.	191	230	1.20	Sam.....	Poland-China.....
756	S. H. Todd, Wakeman, Ohio..	132	180	1.36	Sunshine.....	Chester White.....
768	E. T. Doney, Jackson, Mich...	125	132	1.06	Billy Eye.....	Essex.....
776	W. A. Squier, Kenney, Ill.....	175	197	1.12	Dick.....	Duroc.....
784	L. C. Henley, Mattoon, Ill.....	129	165	1.28	Joe.....	Yorkshire.....
789	Frank Willson, Jackson, Mich.	134	150	1.12	Jim.....	Suffolk.....
799	R. J. Stone, Stonington, Ill....	173	196	1.13	Tom.....	Victoria.....
825	S. H. Todd, Wakeman, Ohio..	178	218	1.22	Victor.....	Gr. Chester-White.
	Average .....	156	184	1.18		

Premium to barrow Sam, exhibited by H. H. Clark & Co., Onarga, Ill.—

Illinois State Board of Agriculture.....	\$25 00
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## LOT 61—SWEEPSTAKES.

Best Barrow shown in Lot 51—Berkshire.

No.	Exhibitor.	Age in days, November 8, 1887.....	Weight November 8, 1887.....	Average gain per day in pounds, since birth.....	Name of Animal.
733	F. F. Wells, Kenney, Ill.....	508	445	.87	Prince.....
734	W. A. Squier, Kenney, Ill.....	346	374	1.08	Prince of Kenney.....
735	" " " .....	171	191	1.14	Prince.....

Premium to barrow Prince, exhibited by W. A. Squier, Kenney, Ill.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co.....	5 00

Total .....	\$30 00
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Best Barrow shown in Lot 52—Poland-China.

[illegible]

Premium to barrow Joe, exhibited by H. H. Clark & Co., Onarga, Ill.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00

Total .....	\$30 00
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## Best Barrow shown in Lot 53—Chester White.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day, in pounds, since birth .....	Name of Animal.
749	S. H. Todd, Wakeman, Ohio.....	425	462	1.09	Get There.....
755	J. R. Price & Son, Williamsville, Ill....	303	392	1.29	Croppy .....
756	S. H. Todd, Wakeman, Ohio.....	132	180	1.36	Sunshine.....

Premium to barrow Get There, exhibited by S. H. Todd, Wakeman, O.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Barrow shown in Lot 54—Essex.

759	Frank Willson, Jackson, Mich.....	391	334	.85	Bogardus .....
765	“ “ .....	254	267	1.03	June. ....
768	E. T. Doney, Jackson, Mich.....	125	132	1.06	Billy Eye .....

Premium to barrow June, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Barrow shown in Lot 55 —Duroc Jersey Red

771	Thos. Bennett, Rossville, Ill.....	541	694	1.28	Monarch. ....
774	“ “ .....	271	303	1.12	Rover.....
776	W. A. Squier, Kenney, Ill.....	175	197	1.12	Dick. ....

Premium to barrow Dick, exhibited by W. A. Squier, Kenney, Ill.

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Barrow shown in Lot 56—Yorkshire.

779	L. C. Henley, Mattoon, Ill .....	477	400	.84	King. ....
783	“ “ .....	327	270	.83	Shorter .....
784	“ “ .....	129	165	1.28	Joe.....

Premium to barrow Shorter, exhibited by L. C. Henley, Mattoon, Ill

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Barrow shown in Lot 57—Suffolk.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.
785	Frank Willson, Jackson, Mich.....	392	323	.82	William C. ....
786	“ “ .....	301	247	.82	Hank .....
789	“ “ .....	134	150	1.12	Jim .....

Premium to barrow William C., exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Barrow shown in Lot 58—Victoria.

793	Geo. F. Davis & Co., Dyer, Ind.....	465	436	.94	Cleveland.....
796	R. J. Stone, Stonington, Ill.....	251	283	1.13	Get There 2d.....
799	“ “ .....	173	196	1.13	Tom. ....

Premium to barrow Get There 2d, exhibited by R. J. Stone, Stonington, Ill.—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00

## Best Barrow shown in Lot 59—Grades and Crosses.

No.	Exhibitor.	Age in days November 8 1887.....	Weight November 8, 1887.....	Average gain per day in pounds since birth.....	Name of Animal-	Breed.
807	S. H. Todd, Wakeman, Ohio ..	482	372	.77	Beauty .....	Gr. Poland-China..
815	F. F. Wells, Kenney, Ill.....	334	345	1.03	All .....	“ .....
825	S. H. Todd, Wakeman, Ohio...	178	218	1.22	Victor. ....	Gr. Chester White.

Premium to barrow Beauty, exhibited by S. H. Todd, Wakeman, Ohio—

Illinois State Board of Agriculture.....	\$25 00
L. A. Raven & Co. ....	5 00
Total .....	\$30 00



No.	Exhibitor.	Age in days, November 8, 1887.....	Weight, November 8, 1887.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
826	A. P. Chapman, Sugar Grove, Ill. ....	509	507	1.00	Gust. ....	Gothland. ....
827	W. P. Hayzlett, Bolekow, Mo..	583	522	.89	Standard .....	Poland-China. ....
735	W. A. Squier, Kenney, Ill. ....	171	191	1.14	Prince. ....	Berkshire. ....
744	H. H. Clark & Co., Onarga, Ill.	353	341	.96	Joe. ....	Poland-China. ....
749	S. H. Todd, Wakeman, Ohio...	425	462	1.09	Get There. ....	Chester White.....
765	Frank Willson, Jackson, Mich	254	267	1.03	June .....	Essex. ....
776	W. A. Squier, Kenney, Ill. ....	175	197	1.12	Dick .....	Duroc. ....
783	L. C. Henley, Mattoon, Ill. ....	327	270	.83	Shorter.....	Yorkshire. ....
785	Frank Willson, Jackson, Mich	465	436	.94	William C. ....	Suffolk. ....
796	R. J. Stone, Stonington, Ill. ...	251	283	1.13	Get There 2d .....	Victoria. ....
807	S. H. Todd, Wakeman, Ohio...	482	372	.77	Beauty .....	Gr. Poland-China..

## LOT 64—PENS.

Best pen Berkshires, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.
732	W. A. Squier, Kenney, Ill.....	407	345	.85	Macon .....
734	“ “ .....	346	374	1.08	Prince of Kenney .....
735	“ “ .....	171	191	1.14	Prince .....

Premium to W. A. Squier, Kenney, Ill.—

Illinois State Board of Agriculture..... \$15 00

Best pen Poland-Chinas, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

## Pen No. 1.

737	H. H. Clark & Co., Onarga, Ill.....	428	457	1.07	Dick .....
745	“ “ .....	317	367	1.16	Ed .....
747	“ “ .....	191	230	1.20	Sam.....

## Pen No. 2.

736	H. H. Clark & Co., Onarga, Ill.....	488	501	1.03	Tom.....
744	“ “ .....	353	341	.96	Joe.....
748	“ “ .....	191	192	1.00	Dan .....

Premium to H. H. Clark & Co., Onarga, Ill.—

Illinois State Board of Agriculture..... \$15 00

Best pen Chester White, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

## Pen No. 1.

752	S. H. Todd, Wakeman, Ohio .....	218	278	1.27	Tempest .....
749	“ “ .....	425	462	1.09	Get There.....
756	“ “ .....	132	180	1.36	Sunshine.....

## Pen No. 2.

751	J. R. Price & Son, Williamsville, Ill....	493	445	.90	Thoroughbred .....
755	“ “ .....	303	392	1.29	Croppy.....
758	“ “ .....	178	191	1.07	Tom.....

Premium to S. H. Todd, Wakeman, Ohio.—

Illinois State Board of Agriculture..... \$15 00



Best pen Essex, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

## Pen No. 1.

No.	Exhibitor.	Age in days November 8, 1887.....	Weight November 8, 1887. ....	Average gain per day, in pounds, since birth.....	Name of Animal.
759	Frank Willson, Jackson, Mich.....	391	334	.85	Bogardus .....
763	“ “ .....	354	287	1.13	Albert.....
767	“ “ .....	123	154	1.20	Wonder .....

## Pen No. 2.

760	E. T. Doney, Jackson, Mich.....	434	383	.88	Clipper .....
764	“ “ .....	351	310	.88	Fortune .....
768	“ “ .....	125	132	1.06	Billy Eye .....

## Pen No. 3.

762	F. F. Wells, Kenney, Ill.....	538	450	.83	Blackey.....
766	“ “ .....	345	266	.80	Nigger .....
769	“ “ .....	166	102	.61	Frank .....

Premium to Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... \$15 00

Best pen Duroc Jersey Reds, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

## Pen No. 1.

770	W. A. Squier, Kenney, Ill.....	537	400	.75	Dictator.....
773	“ “ .....	358	492	1.12	Dave .....
776	“ “ .....	175	197	1.12	Dick .....

## Pen No. 2.

771	Thos. Bennett, Rossville, Ill .....	441	694	1.28	Monarch .....
774	“ “ .....	271	303	1.12	Rover .....
777	“ “ .....	165	185	1.12	Charlie .....

Premium to Thos. Bennett, Rossville, Ill.—

Illinois State Board of Agriculture..... \$15 00

Best pen Yorkshires, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887 .....	Average gain per day, in pounds, since birth .....	Name of Animal.
779	L. C. Henley, Mattoon, Ill .....	477	400	.84	King .....
782	“ “ .....	327	310	.95	Short .....
784	“ “ .....	129	165	1.28	Joe .....

Premium to L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture..... \$15 00

Best pen Suffolks, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

785	Frank Willson, Jackson, Mich.....	392	323	.82	William C .....
786	“ “ .....	301	247	.82	Hank .....
789	“ “ .....	134	156	1.12	Jim .....

Premium to Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... \$15 00

Best pen Victorias, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

Pen No. 1.

790	R. J. Stone, Stonington, Ill .....	493	433	.87	Lord Wilton .....
795	“ “ .....	251	305	1.21	Get There .....
799	“ “ .....	173	196	1.13	Tom .....

Pen No. 2.

793	Geo. F. Davis & Co., Dyer, Ind .....	465	436	.94	Cleveland .....
798	“ “ .....	344	370	1 17	Logan .....
801	“ “ .....	131	182	1.39	Fatty .....

Premium to Geo. F. Davis & Co., Dyer, Ind.—

Illinois State Board of Agriculture..... \$15 00



Best Pen Grades and Crosses, to consist of Barrow 12 and under 18 months old, Barrow under 1 year and over 6 months, and Barrow under 6 months of age.

Pen No. 1.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
802	H. H. Clark & Co., Onarga, Ill	498	410	.82	Sandy .....	Pol'd China-Duroc.
810	“ “	354	347	.98	Dandy .....	Gr. Poland China..
821	“ “	183	183	1.00	Handy.....	“ ..

Pen No. 2.

803	L. C. Henley, Mattoon, Ill ....	470	430	.91	Good .....	Yorkshire-P.-C....
811	“ “ .....	243	326	1.34	Jim .....	Gr. Yorkshire.....
823	“ “ .....	116	133	1.15	Brick .....	Yorkshire-P. C....

Pen No. 3. .

806	F. F. Wells, Kenney, Ill.....	425	496	1.17	Spottie .....	Essex-Poland C ...
815	“ “ .....	334	345	1.03	All .....	Gr. Poland China..
824	“ “ .....	181	191	1.06	Sam .....	“ ..

Pen No. 4.

807	S. H. Todd, Wakeman, O.....	482	372	.77	Beauty .....	Gr. Poland China..
817	“ “ .....	198	236	1.19	Peter .....	Victoria-Poland C.
825	“ “ .....	178	218	1.22	Victor .....	Gr. Chester White.

Premium to F. F. Wells, Kenney, Ill.—

Illinois State Board of Agriculture..... \$15 00

LOT 65—SWEEPSTAKES PEN.

(Entries to consist of Prize Pens in Lot 64.)

Pen No. 1.

732	W. A. Squier, Kenney, Ill.....	407	345	.85	Macon .....	Berkshire .....
734	“ “ .....	346	374	1.08	Prince of Kenney..	“ .....
735	“ “ .....	171	191	1.14	Prince .....	“ .....

## Pen No. 2.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
737	H. H. Clark & Co., Onarga, Ill	428	457	1.07	Dick.....	Poland China.....
745	“ “	317	367	1.16	Ed. ....	“ .....
747	“ “	191	230	1.20	Sam .....	“ .....

## Pen No. 3.

752	S. H. Todd, Wakeman, O.....	218	278	1.27	Tempest.....	Chester White.....
749	“ “ .....	425	462	1.09	Get There.....	“ .....
756	“ “ .....	132	180	1.36	Sunshine .....	“ .....

## Pen No. 4.

759	Frank Willson, Jackson, Mich	391	334	.85	Bogardus.....	.....
763	“ “ .....	254	287	1.13	Albert .....	Essex .....
767	“ “ .....	128	154	1.20	Wonder .....	“ .....

## Pen No. 5.

771	Thos. Bennett, Rossville, Ill..	541	694	1.28	Monarch .....	Duroc Jersey Red..
774	“ “ .....	271	303	1.12	Rover .....	“ .....
777	“ “ .....	175	185	1.12	Charlie .....	“ .....

## Pen No. 6.

779	L. C. Henley, Mattoon, Ill ....	477	400	.84	King .....	Yorkshire .....
782	“ “ .....	327	310	.95	Short .....	“ .....
784	“ “ .....	129	165	1.28	Joe .....	“ .....

## Pen No. 7.

785	Frank Willson, Jackson, Mich	392	323	.82	William C.....	Suffolk .....
786	“ “ .....	301	247	.82	Hank .....	“ .....
789	“ “ .....	134	150	1.12	Jim.....	“ .....

## Pen No. 8.

793	Geo. F. Davis & Co., Dyer, Ind	465	436	.94	Cleveland .....	Victoria .....
798	“ “ .....	344	370	1.17	Logan .....	“ .....
801	“ “ .....	131	182	1.39	Fatty .....	“ .....



Pen No. 9.

No.	Exhibitor.	Age in days November 8, 1888 .....	Weight November 8, 1887 .....	Average gain per day, in pounds, since birth .....	Name of Animal.	Breed.
806	F. F. Wells, Kenney, Ill.....	425	496	1.17	Spottie .....	Essex-Poland C ...
815	" " " .....	334	345	1.03	All .....	Gr. Poland China..
824	" " " .....	181	191	1.06	Sam .....	" ..

Premium to H. H. Clark &amp; Co., Onarga, Ill.—

Illinois State Board of Agriculture.....	\$15 00
E. W. Blatchford & Co .....	7 75
Total .....	\$22 75

## LOT 66—DRESSED CARCASS.

Best Carcass of Barrow 12 and under 18 months.

736	H. H. Clark & Co., Onarga, Ill	488	501	1.03	Tom .....	Poland China.....
802	" " " .....	498	410	.82	Sandy .....	P. China-Duroc....
790	R. J. Stone, Stonington, Ill ...	493	433	.87	Lord Wilton.....	Victoria .....
805	L. C. Henley, Mattoon, Ill....	426	415	.97	Best .....	Yorkshire-P. C....
793	Geo. F. Davis & Co., Dyer, Ind	465	436	.94	Cleveland .....	Victoria .....
779	L. C. Henley, Mattoon, Ill....	477	400	.84	King .....	Yorkshire .....
778	A. P. Chapinan, Sugar Grove, Ill	531	425	.80	Chub .....	" .....
827	W. P. Hayzlett, Bolckow, Mo.	533	522	.89	Standard .....	Poland China .....
749	S. H. Todd, Wakeman, O.....	425	462	1.09	Get There .....	Chester White.....
809	" " " .....	482	372	.77	Beauty .....	Gr. Poland China..
772	Thos. Bennett, Rossville, Ill..	541	572	1.06	Empire.....	Duroc-Jersey Red..
Average .....		492	450	.92		

Premium to barrow King, exhibited by L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture.....	\$25 00
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Best Carcass of Barrow under 1 year old.

734	W. A. Squier, Kenney, Ill.....	346	374	1.08	Prince of Kenney..	Berkshire .....
744	H. H. Clark & Co., Onarga, Ill	353	341	.96	Joe .....	Poland China .....
821	" " " .....	183	183	1.00	Handy .....	Gr. Poland China..
748	" " " .....	191	192	1.00	Dan .....	Poland China .....
810	" " " .....	354	347	.98	Dandy .....	Gr. Poland China..
799	R. J. Stone, Stonington, Ill ..	173	196	1.13	Tom .....	Victoria .....
796	" " " .....	251	283	1.13	Get There 2d .....	" .....
811	L. C. Henley, Mattoon, Ill ....	243	326	1.34	Jim .....	Gr. Yorkshire.....
798	Geo. F. Davis & Co., Dyer, Ind	344	370	1.07	Logan .....	Victoria .....
753	S. H. Todd, Wakeman, O.....	195	245	1.25	Tempest 2d.....	Chester White.....
783	L. C. Henley, Mattoon, Ill....	327	270	.83	Shorter .....	Yorkshire .....
765	Frank Willson, Jackson, Mich	254	267	1.03	June .....	Essex .....
776	W. A. Squier, Kenney, Ill.....	175	197	1.12	Dick .....	Duroc .....
755	J. R. Price & Son, Williams- ville, Ill.....	303	392	1.29	Croppy .....	Chester White.....
Average .....		264	234	1.08		

Premium to barrow Tempest 2d, exhibited by S. H. Todd, Wakeman, O.—

Illinois State Board of Agriculture.....	\$25 00
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LOT 67—GAIN PER DAY.

Barrow over 6 months of age showing largest average gain per day, including weight at birth. Entries to be accompanied by affidavit giving exact age.

No.	Exhibitor.	Age in days November 8, 1887 .....	Weight November 8, 1887.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
773	W. A. Squier, Kenney, Ill. ....	358	492	1.37	Dave .....	Duroc .....
	A. P. Chapman & Co, Sugar Grove, Ill.....	337	380	1.13	Victor .....	Gothland .....
738	H. H. Clark & Co, Onarga, Ill.	433	442	1.02	Harry .....	Poland China.....
811	L. C. Henley, Mattoon, Ill....	243	326	1.34	Jim .....	Gr. Yorkshire.....
760	E. T. Doney, Jackson, Mich...	434	383	.88	Clipper.....	Essex .....
764	" " " " " " " " " " " "	351	310	.88	Fortune .....	" .....
818	S. H. Todd, Wakeman, O.....	198	333	1.68	Peter 2d .....	Ch. W.-Poland C..
820	J. R. Price & Son, Williams-ville, Ill.....	218	307	1.40	No. 2 .....	Chester White.....
	Average .....	321	372	1.21		

Premium to barrow Peter 2d, exhibited by S. H. Todd, Wakeman, O.—

Illinois State Board of Agriculture.....	\$25 00
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Lot 66—DRESSED CARCASS.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age 12 and under 18 months.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Live weight at slaughter.....	Weight dressed carcass and head.....	Per cent. carcass and head to gross weight..	Weight lungs and heart.	Weight liver and milt ..	Weight paunch.....	Weight guts.....	Weight blood.....	Weight hair, wet .....	Shrinkage.....	Per cent offal, including shrinkage, to gross or live weight..
H. H. Clark & Co., Onarga, Ill.....	Tom.....	Poland-China.....	488	485	423	.87	4	4	5	23	8	3	15	.13
R. J. Stone, Stonington, Ill.....	Sandy.....	Poland-China-Duroc ..	498	405	355	.88	4	3	6	19	9	3	6	.12
L. C. Henley, Mattoon, Ill.....	Lord Wilton.....	Victoria.....	493	411	357	.87	4½	3½	6	20	6	3	11	.13
Geo. F. Davis & Co., Dyer, Ind.....	Best.....	Yrksshr.-Poland-China	426	408	360	.88	4	3	4	16	8	3	10	.12
L. C. Henley, Mattoon, Ill.....	Cleveland.....	Victoria.....	465	430	364	.85	5	4	8	22	10	5	12	.15
A. P. Chapman, Sugar Grove, Ill.....	King.....	Yorkshire.....	477	431	371	.86	4½	4	4	20	8	5	14½	.14
W. P. Hayzlett, Bolckow, Mo.....	Chub.....	".....	531	408	351	.86	4	4	5	23	9	4	8	.14
S. H. Todd, Wakeman, Ohio.....	Standard.....	Poland, China.....	583	503	447	.89	5	4	5	19	10	2½	10½	.11
Thos. Bennett, Rossville, Ill.....	Get There.....	Chester White.....	425	464	392	.84	6	5	8	29	9	5	10	.16
	Beauty.....	Gr. Poland-China.....	482	373	319	.85	4	4	3½	18	8	6	10½	.15
	Empire.....	Duroc.....	541	562	480	.85	8	7	6	27	14	6	14	.15
Average.....	.....	.....	492	444	383	.86	5	4	5½	21	9	4	11	.14





CLASS E—POULTRY.

GEO. REED, *Superintendent.*

LOT 69—ASIATICS.

Light Brahma Cocks.

Exhibitor.	Postoffice.	Score.
Alfred Doyle.....	Blue Island, Ill.....	88
Harding Bros.....	Ridgeville, Ill.....	83
“.....	“.....	87½
“.....	“.....	83
“.....	“.....	86
C. B. Pearce.....	Grand Rapids, Mich.....	90
J. B. Foot.....	Norwood Park, Ill.....	89½
“.....	“.....	85¾
“.....	“.....	82½
“.....	“.....	84½
Smith & Hays.....	Madison, Wis.....	79
R. K. Thatcher.....	Chicago, Ill.....	Dis.
Mrs. R. A. Judy.....	Edwardsville, Ill.....	87¾
“.....	“.....	89
Average.....	.....	86

First premium to C. B. Pearce, Grand Rapids, Mich.  
Second premium to J. B. Foot, Norwood Park, Ill.  
Third premium to Mrs. R. A. Judy, Edwardsville, Ill.  
Fourth premium to Alfred Doyle, Blue Island, Ill.  
Fifth premium to Mrs. R. A. Judy, Edwardsville, Ill

Light Brahma Cockrel.

E. H. Upson.....	Wilmot, Ind.....	85
“.....	“.....	90½
“.....	“.....	89½
“.....	“.....	90
Keenan & Pool.....	Upper Sandusky, O.....	90½
“.....	“.....	87½
Alfred Doyle.....	Blue Island, Ill.....	89
Henry Davis.....	Dyer, Ind.....	89
J. B. Foot.....	Norwood Park, Ill.....	86½
“.....	“.....	90
“.....	“.....	87
“.....	“.....	92½
“.....	“.....	88
“.....	“.....	88
“.....	“.....	86
“.....	“.....	90½
“.....	“.....	90
“.....	“.....	89½
“.....	“.....	91

Light Brahma Cockerel — *Continued.*

Exhibitor.	Postoffice.	Score.
J. K. Bower.....	Waukegan, Ill.....	82
Chas. McClave.....	New London, O.....	88½
“.....	“.....	91½
Smith & Hays.....	Madison, Wis.....	89½
R. K. Thatcher.....	Chicago, Ill.....	88½
Mrs. R. A. Judy.....	Edwardsville, Ill.....	89
“.....	“.....	87
“.....	“.....	88
“.....	“.....	86½
“.....	“.....	88½
“.....	“.....	87½
“.....	“.....	89½
“.....	“.....	87½
“.....	“.....	87
“.....	“.....	89
“.....	“.....	91½
“.....	“.....	88½
“.....	“.....	89½
Woodward & Sewell.....	Evanston, Ill.....	92
“.....	“.....	91
Average.....	.....	88¾

First premium to J. B. Foot, Norwood Park, Ill.

Second premium to Woodward & Sewell, Evanston, Ill.

Third premium to Chas. McClave, New London, O.

Fourth premium to Mrs. R. A. Judy, Edwardsville, Ill.

Fifth premium to Woodward & Sewell, Evanston, Ill.

## Light Brahma Hens.

E. H. Upson.....	Wilmot, Ind.....	90¾
Alfred Doyle.....	Blue Island, Ill.....	87¾
“.....	“.....	85½
“.....	“.....	90½
“.....	“.....	88
“.....	“.....	85
“.....	“.....	83¾
Harding Bros.....	Ridgeville, Ill.....	83
“.....	“.....	81¾
“.....	“.....	78¾
C. B. Pearce.....	Grand Rapids, Mich.....	87½
“.....	“.....	87½
“.....	“.....	88½
“.....	“.....	90
“.....	“.....	92½
“.....	“.....	88
A. T. Davis & Co.....	Dyer, Ind.....	87½
“.....	“.....	79½
Henry Davis.....	“.....	84½
“.....	“.....	88
“.....	“.....	84
“.....	“.....	89
Woodward & Sewell.....	Evanston, Ill.....	90
“.....	“.....	92¼
“.....	“.....	91½
“.....	“.....	87¾
“.....	“.....	90
“.....	“.....	87
“.....	“.....	86½
“.....	“.....	93
“.....	“.....	92½
J. B. Foot.....	Norwood Park, Ill.....	83¼
“.....	“.....	88¼
“.....	“.....	88¼
“.....	“.....	89½
“.....	“.....	81
“.....	“.....	81¾
“.....	“.....	90



## Light Brahma Hens—Continued.

Exhibitor.	Postoffice.	Score.
J. B. Foot.....	Norwood Park, Ill.....	87½
“.....	“.....	85¼
“.....	“.....	84
“.....	“.....	82¼
“.....	“.....	87½
“.....	“.....	88½
“.....	“.....	90¼
“.....	“.....	92
“.....	“.....	91
“.....	“.....	87½
“.....	“.....	88
“.....	“.....	85¼
Chas. McClave.....	New London, O.....	82¼
Smith & Hays.....	Madison, Wis.....	86¾
“.....	“.....	79
R. K. Thatcher.....	Chicago, Ill.....	82½
“.....	“.....	86
“.....	“.....	87
“.....	“.....	87
“.....	“.....	92
“.....	“.....	87¼
“.....	“.....	87
“.....	“.....	84½
“.....	“.....	83½
Average .....	.....	87

First premium to Woodward & Sewell, Evanston, Ill.

Second premium to C. B. Pearce, Grand Rapids, Mich.

Third premium to Woodward & Sewell, Evanston, Ill.

Fourth premium to Woodward & Sewell, Evanston, Ill.

Fifth premium to J. B. Foot, Norwood Park, Ill.

## Light Brahma Pullet.

E. H. Upson.....	Wilmot, Ind.....	91
“.....	“.....	91½
“.....	“.....	92½
“.....	“.....	91
“.....	“.....	90½
“.....	“.....	91
“.....	“.....	90
“.....	“.....	90
“.....	“.....	91
“.....	“.....	90
“.....	“.....	90½
“.....	“.....	90½
“.....	“.....	89
“.....	“.....	91½
“.....	“.....	90
Keenan & Pool.....	Upper Sandusky, Ohio.....	91½
“.....	“.....	91½
Alfred Doyle.....	Blue Island, Ill.....	89½
“.....	“.....	89½
“.....	“.....	87½
“.....	“.....	91½
“.....	“.....	89½
“.....	“.....	90
“.....	“.....	88½
“.....	“.....	89½
“.....	“.....	88½
“.....	“.....	91½
“.....	“.....	90
“.....	“.....	86½
Harding Bros.....	Ridgeville, Ill.....	87
“.....	“.....	89½
C. B. Pearce.....	Grand Rapids, Mich.....	90½
“.....	“.....	89½
“.....	“.....	91
“.....	“.....	91½
“.....	“.....	90
Henry Davis.....	Dyer, Ind.....	90

## Light Brahma Pullet—Continued.

Exhibitor.	Postoffice.	Score.
Woodward & Sewell. ....	Evanston, Ill. ....	89
“ .....	“ .....	91½
“ .....	“ .....	92½
“ .....	“ .....	91½
“ .....	“ .....	92
“ .....	“ .....	92
“ .....	“ .....	92
“ .....	“ .....	91½
“ .....	“ .....	90½
J. B. Foot .....	Norwood Park, Ill. ....	88
“ .....	“ .....	88½
“ .....	“ .....	91½
“ .....	“ .....	91½
“ .....	“ .....	89½
“ .....	“ .....	91
“ .....	“ .....	87
“ .....	“ .....	90
“ .....	“ .....	91½
“ .....	“ .....	87½
“ .....	“ .....	87½
“ .....	“ .....	88½
“ .....	“ .....	91
“ .....	“ .....	91
J. K. Bower .....	Waukegan, Ill. ....	83
“ .....	“ .....	88
“ .....	“ .....	85
“ .....	“ .....	86½
“ .....	“ .....	87
Chas. McClave .....	New London, Ohio .....	88
“ .....	“ .....	91½
“ .....	“ .....	88½
Smith & Hays .....	Madison, Wis .....	79
“ .....	“ .....	87½
“ .....	“ .....	88
R. K. Thacher .....	Chicago, Ill. ....	87
“ .....	“ .....	88½
“ .....	“ .....	90½
“ .....	“ .....	91
“ .....	“ .....	88
“ .....	“ .....	88
R. A. Judy .....	Edwardsville, Ill. ....	88
“ .....	“ .....	88½
“ .....	“ .....	89
“ .....	“ .....	88½
“ .....	“ .....	87
“ .....	“ .....	87
“ .....	“ .....	90
“ .....	“ .....	87
“ .....	“ .....	88½
“ .....	“ .....	88½
“ .....	“ .....	86
“ .....	“ .....	89
“ .....	“ .....	88½
“ .....	“ .....	86½
“ .....	“ .....	88¼
“ .....	“ .....	90
“ .....	“ .....	92
“ .....	“ .....	89
“ .....	“ .....	90½
“ .....	“ .....	88
“ .....	“ .....	86½
“ .....	“ .....	88
“ .....	“ .....	91½
“ .....	“ .....	89
“ .....	“ .....	89½
“ .....	“ .....	88½
“ .....	“ .....	88½
“ .....	“ .....	92½
“ .....	“ .....	90½
“ .....	“ .....	92
“ .....	“ .....	92
“ .....	“ .....	92
“ .....	“ .....	88
“ .....	“ .....	91½
“ .....	“ .....	89
“ .....	“ .....	90½
“ .....	“ .....	92
“ .....	“ .....	90



Light Brahma Pullet—*Continued.*

Exhibitor.	Postoffice.	Score.
R. A. Judy.....	Edwardsville, Ill.....	89
“.....	“.....	89
“.....	“.....	89½
“.....	“.....	90
“.....	“.....	91
“.....	“.....	89½
“.....	“.....	87½
“.....	“.....	87½
“.....	“.....	87½
“.....	“.....	89
“.....	“.....	89½
“.....	“.....	90
“.....	“.....	89½
“.....	“.....	89
“.....	“.....	92
“.....	“.....	89
“.....	“.....	92
“.....	“.....	91
“.....	“.....	89½
“.....	“.....	90½
“.....	“.....	88
“.....	“.....	91
“.....	“.....	92
“.....	“.....	92
“.....	“.....	88
“.....	“.....	91
“.....	“.....	92
“.....	“.....	91
“.....	“.....	93
“.....	“.....	91½
“.....	“.....	91
“.....	“.....	85½
“.....	“.....	91½
“.....	“.....	92
Average.....	.....	88½

First premium to R. A. Judy, Edwardsville, Ill.

Second premium to E. H. Upson, Wilmot, Ind.

Third premium tied between Woodward &amp; Sewell and R. A. Judy.

Fourth premium tied between Woodward &amp; Sewell and R. A. Judy.

Fifth premium to R. A. Judy, Edwardsville, Ill.

## Dark Brahma Cocks.

L. A. Byerly.....	Maryville, Mo.....	86½
Theo. Worland.....	Chicago, Ill.....	85
“.....	“.....	88
“.....	“.....	86
Average.....	.....	86¼

Second premium to Theo. Worland, Chicago, Ill.

Third premium to L. A. Byerly, Maryville, Mo.

Fourth and fifth premiums to Theo. Worland, Chicago, Ill.

## Dark Brahma Cockerel.

Ed. Barron.....	Donnellson, Ill.....	87
Woodard & Sewell.....	Evanston, Ill.....	93½
Keenan & Pool.....	Upper Sandusky, Ohio.....	95
Theo. Worland.....	Chicago, Ill.....	94½
“.....	“.....	92½
“.....	“.....	92
“.....	“.....	91½
“.....	“.....	93
C. B. Cage.....	Shelbyville, Ind.....	94
Average.....	.....	92½

First premium to Keenan & Pool, Upper Sandusky, Ohio.

Second premium to Theo. Worland, Chicago, Ill.

Third premium to C. B. Cage, Shelbyville, Ind.

Fourth premium to Woodward & Sewell, Evanston, Ill.

Fifth premium to Theo. Worland, Chicago, Ill.

#### Dark Brahma Hens.

Exhibitor.	Postoffice.	Score.
Ed Barron.....	Donnellson, Ill.....	84½
“.....	“.....	83½
L. A. Byerly.....	Maryville, Ill.....	88
“.....	“.....	91
“.....	“.....	85
“.....	“.....	89½
“.....	“.....	86½
Theo. Worland.....	Chicago, Ill.....	86
“.....	“.....	85
“.....	“.....	85
“.....	“.....	88
“.....	“.....	84
“.....	“.....	86
“.....	“.....	87
“.....	“.....	88½
“.....	“.....	91½
“.....	“.....	92
“.....	“.....	91½
“.....	“.....	92
“.....	“.....	91
“.....	“.....	90
Average.....	.....	87½

First, second, third and fourth premiums to Theo. Worland, Chicago, Ill.

Fifth premium to L. A. Byerly, Maryville, Mo.

#### Dark Brahma Pullet.

Ed. Barron.....	Donnellson, Ill.....	86
“.....	“.....	87
“.....	“.....	88
Woodward & Sewell.....	Evanston, Ill.....	92
“.....	“.....	93½
Keenan & Pool.....	Upper Sandusky, Ohio.....	94
Theo. Worland.....	Chicago, Ill.....	92
“.....	“.....	88½
“.....	“.....	88
“.....	“.....	88½
“.....	“.....	88½
“.....	“.....	92½
“.....	“.....	92½
“.....	“.....	92½
“.....	“.....	90
“.....	“.....	90
“.....	“.....	89½
“.....	“.....	88½
“.....	“.....	91½
“.....	“.....	91
“.....	“.....	92½
“.....	“.....	91½
“.....	“.....	89½
“.....	“.....	93½
“.....	“.....	92
“.....	“.....	91½
“.....	“.....	92
“.....	“.....	93
“.....	“.....	91½
“.....	“.....	91
“.....	“.....	91½



Black Brahma Pullet—*Continued.*

Exhibitor.	Postoffice.	Score.
C. B. Cage .....	Shelbyville, Ind. ....	89½
“ .....	“ .....	91½
“ .....	“ .....	92
“ .....	“ .....	92
Theo. Worland .....	Chicago, Ill. ....	88
Average .....	.....	90¾

First premium to Keenan & Pool, Upper Sandusky, Ohio.

Second premium to Woodward & Sewell, Evanston, Ill.

Third, fourth and fifth premiums to Theo Worland, Chicago, Ill.

## White Cochín Cocks.

C. B. Cage .....	Shelbyville, Ind. ....	80
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Second premium awarded above exhibit.

## White Cochín Cockerel.

C. B. Cage .....	Shelbyville, Ind. ....	87½
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Second premium awarded above exhibit.

## White Cochín Hens.

C. B. Cage .....	Shelbyville, Ind. ....	86
“ .....	“ .....	86
“ .....	“ .....	90
“ .....	“ .....	87
Average .....	.....	87¼

First, second, third and fourth premiums to C. B. Cage, Shelbyville, Ind.

## White Cochín Pullet.

C. B. Cage .....	Shelbyville, Ind. ....	92
“ .....	“ .....	91
“ .....	“ .....	91½
Average .....	.....	91½

First, second and third premiums to C. B. Cage, Shelbyville, Ind.

## Black Cochín Cocks.

C. H. Rhodes .....	Topeka, Kan. ....	93
Ed Barron .....	Donnellson, Ill. ....	90½
Average .....	.....	91¾

First premium to C. H. Rhodes, Topeka, Kan.

Second premium to Ed Barron, Donnellson, Ill.

## Black Cochin Hens.

W. H. Clark .....	Mechanicsburg, O.....	93½
“ .....	“ .....	93
Ed Barron.....	Donnellson, Ill.....	90
“ .....	“ .....	91
“ .....	“ .....	93½
“ .....	“ .....	88¼
“ .....	“ .....	89
Average.....	.....	91

First premium a tie between W. H. Clark and Ed Barron.

Second premium to W. H. Clark, Mechanicsburg, O.

Third, fourth and fifth premiums to Ed Barron, Donnellson, Ill.

## Black Cochin Pullet.

W. H. Clark.....	Mechanicsburg, O.....	91
“ .....	“ .....	90½
“ .....	“ .....	90
“ .....	“ .....	93½
C. H. Rhodes .....	Topeka, Kan.....	94½
“ .....	“ .....	92½
“ .....	“ .....	94
“ .....	“ .....	92
“ .....	“ .....	91
Average.....	.....	92

First and second premiums to C. H. Rhodes, Topeka, Kan.

Third premium to W. H. Clark, Mechanicsburg, O.

Fourth and fifth premiums to C. H. Rhodes, Topeka, Kan.

## Buff Cochin Cocks.

M. M. Conner .....	Ada, O.....	91¼
“ .....	“ .....	88
Fred E. Shield.....	Belleville, Ill.....	87¾
Average.....	.....	89

First and second premium to M. M. Conner, Ada, O.

Third premium to F. E. Shield, Belleville, Ill.

## Buff Cochin Cockerel.

Prickett & Knisely.....	Columbia City, Ind.....	88½
“ .....	“ .....	91½
Ed Barron .....	Donnellson, Ill.....	89
“ .....	“ .....	88½
“ .....	“ .....	93
J. B. Foot.....	Norwood Park, Ill.....	86
M. M. Conner.....	Ada, O.....	87
“ .....	“ .....	90
“ .....	“ .....	87½
“ .....	“ .....	91
Prickett & Knisely.....	Columbia City, Ind.....	88½
Average.....	.....	89

First premium to Ed Barron, Donnellson, Ill.

Second and fifth premiums to Prickett & Knisley, Columbia City, Ind.

Third and fourth premiums to M. M. Conner, Ada, O.



## Buff Cochin Hens.

Exhibitor.	Postoffice.	Score.
Prickett & Knisely.....	Columbia City, Ind.....	86
“.....	“.....	88
“.....	“.....	90 $\frac{3}{4}$
“.....	“.....	85 $\frac{1}{2}$
“.....	“.....	87 $\frac{3}{4}$
Ed. Barron.....	Donnellson, Ill.....	87 $\frac{1}{2}$
M. M. Conner.....	Ada, Ohio.....	86 $\frac{1}{2}$
“.....	“.....	89
“.....	“.....	86 $\frac{1}{2}$
“.....	“.....	86
“.....	“.....	85 $\frac{1}{2}$
“.....	“.....	85 $\frac{1}{2}$
“.....	“.....	89 $\frac{1}{4}$
“.....	“.....	90 $\frac{1}{4}$
Fred E. Shield.....	Belleville, Ill.....	89
“.....	“.....	86
“.....	“.....	90
“.....	“.....	92 $\frac{1}{4}$
“.....	“.....	83 $\frac{3}{4}$
“.....	“.....	90 $\frac{3}{4}$
Average.....	.....	87 $\frac{3}{4}$

First premium to F. E. Shield, Belleville, Ill.

Second premium, tie between Prickett & Knisely and F. E. Shield.

Third and fifth premiums to M. M. Connor, Ada, Ohio.

Fourth premium to F. E. Shield, Belleville, Ill.

## Buff Cochin Pullet.

Prickett & Knisely.....	Columbia City, Ind.....	90 $\frac{1}{2}$
“.....	“.....	89 $\frac{1}{2}$
“.....	“.....	90 $\frac{1}{2}$
“.....	“.....	93
“.....	“.....	94
“.....	“.....	91
“.....	“.....	91 $\frac{1}{2}$
“.....	“.....	93 $\frac{1}{2}$
“.....	“.....	90
“.....	“.....	94
“.....	“.....	94 $\frac{1}{2}$
“.....	“.....	92
“.....	“.....	92
Ed. Barron.....	Donnellson, Ill.....	93
“.....	“.....	93 $\frac{1}{2}$
“.....	“.....	93 $\frac{1}{2}$
“.....	“.....	91 $\frac{1}{2}$
J. B. Foot.....	Norwood Park, Ill.....	90 $\frac{1}{2}$
“.....	“.....	90
“.....	“.....	88 $\frac{1}{2}$
“.....	“.....	89 $\frac{1}{4}$
“.....	“.....	88 $\frac{1}{2}$
M. M. Connor.....	Ada, Ohio.....	93
“.....	“.....	93 $\frac{1}{2}$
“.....	“.....	93
“.....	“.....	93
“.....	“.....	91 $\frac{1}{2}$
“.....	“.....	92 $\frac{1}{2}$
“.....	“.....	92
Ed. Barron.....	Donnellson, Ill.....	92 $\frac{1}{2}$
Average.....	.....	92

First, second and third premiums to Prickett & Knisely, Columbia City, Ind.

Fourth and fifth premiums to Ed. Barron, Donnellson, Ill.

## Partridge Cochín Cocks.

Exhibitor.	Postoffice.	Score.
W. H. Cleve.....	Buckley, Ill. ....	90
C. B. Pearce.....	Grand Rapids, Mich.....	89
“.....	“.....	94½
“.....	“.....	92½
A. T. Davis & Co.....	Dyer, Ind.....	83¾
“.....	“.....	85½
Henry Davis.....	“.....	88
“.....	“.....	89¾
J. B. Foot.....	Norwood Park, Ill.....	85¼
“.....	“.....	88½
Average.....	.....	88¾

First, second and fifth premiums to C. B. Pearce, Grand Rapids, Mich.

Fourth premium to Henry Davis, Dyer, Ind.

Third premium to W. H. Cleve, Buckley, Ill.

## Partridge Cochín Cockerel.

Geo. F. Swartfiger.....	Kankakee, Ill.....	88
“.....	“.....	91½
W. H. Cleve.....	Buckley, Ill.....	91½
“.....	“.....	88½
Harding Bros.....	Ridgeville, Ill.....	88½
P. W. Flanders.....	Elkhorn, Wis.....	88
“.....	“.....	88½
C. B. Pearce.....	Grand Rapids, Mich.....	90
“.....	“.....	92½
“.....	“.....	90½
Henry Davis.....	Dyer, Ind.....	91½
Ed. Barron.....	Donnellson, Ill.....	91
J. B. Foot.....	Norwood Park, Ill.....	91
“.....	“.....	91
“.....	“.....	89½
H. C. Smith.....	Chicago, Ill.....	91½
A. E. Stump.....	Bloomington, Ill.....	91
“.....	“.....	88
Average.....	.....	90

First premium to C. B. Pearce, Grand Rapids, Mich.

Second premium to W. H. Cleve, Buckley, Ill.

Third premium to Henry Davis, Dyer, Ind.

Fourth premium to H. C. Smith, Chicago, Ill.

Fifth premium to Geo. F. Swartfiger, Kankakee, Ill.

## Partridge Cochín Hens.

James Reed.....	Kankakee, Ill.....	91½
“.....	“.....	88
“.....	“.....	91½
W. H. Cleve.....	Buckley, Ill.....	91
“.....	“.....	84½
“.....	“.....	90½
“.....	“.....	90
Harding Bros.....	Ridgeville, Ill.....	85½
“.....	“.....	83
P. W. Flanders.....	Elkhorn, Wis.....	90
“.....	“.....	85¼
C. B. Pearce.....	Grand Rapids, Mich.....	95
“.....	“.....	91¾
“.....	“.....	94
“.....	“.....	93½



Partridge Cochín Hens—*Continued.*

Exhibitor.	Postoffice.	Score.
A. T. Davis & Co.....	Dyer, Ind.....	83
Henry Davis.....	".....	92
".....	".....	88 $\frac{3}{4}$
J. B. Foot.....	Norwood Park, Ill.....	86 $\frac{1}{2}$
".....	".....	88 $\frac{1}{2}$
".....	".....	91 $\frac{1}{2}$
".....	".....	88
".....	".....	87 $\frac{3}{4}$
Average.....	.....	89

First, second, third, fourth and fifth premiums to C. B. Pearce, Grand Rapids, Mich.

## Partridge Cochín Pullet.

Geo. F. Swartfiger.....	Kankakee, Ill.....	91
".....	".....	90
".....	".....	91
".....	".....	90 $\frac{1}{2}$
".....	".....	90 $\frac{1}{2}$
".....	".....	91
James Reed.....	Detroit, Mich.....	93 $\frac{1}{2}$
".....	".....	89
W. H. Cleve.....	Buckley, Ill.....	91
".....	".....	90 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	91
".....	".....	87
Harding Bros.....	Ridgeville, Ill.....	91
".....	".....	89
".....	".....	90 $\frac{1}{2}$
P. W. Flanders.....	Elkhorn, Wis.....	91
".....	".....	90
".....	".....	91
".....	".....	91 $\frac{1}{2}$
".....	".....	92 $\frac{1}{2}$
".....	".....	91
".....	".....	90 $\frac{1}{2}$
".....	".....	93
C. B. Pearce.....	Grand Rapids, Mich.....	92 $\frac{1}{2}$
".....	".....	93 $\frac{1}{2}$
".....	".....	92 $\frac{1}{2}$
".....	".....	92 $\frac{1}{2}$
".....	".....	92
".....	".....	93
".....	".....	94
".....	".....	95 $\frac{1}{2}$
".....	".....	93 $\frac{1}{2}$
A. T. Davis & Co.....	Dyer, Ind.....	85
".....	".....	87
Henry Davis.....	".....	86
".....	".....	90 $\frac{1}{2}$
".....	".....	90
".....	".....	94 $\frac{1}{2}$
".....	".....	95
".....	".....	91
".....	".....	94 $\frac{1}{2}$
Ed Barron.....	Donnellson, Ill.....	91 $\frac{1}{2}$
J. B. Foot.....	Norwood Park, Ill.....	90
".....	".....	88
".....	".....	89 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	90
".....	".....	90 $\frac{1}{2}$
".....	".....	88 $\frac{1}{2}$
".....	".....	86
".....	".....	92
".....	".....	89 $\frac{1}{2}$
H. C. Smith.....	Chicago, Ill.....	89
".....	".....	88 $\frac{1}{2}$

Partridge Cochín Pullet.—*Continued.*

Exhibitor.	Postoffice.	Score.
H. C. Smith.....	Chicago, Ill.....	88½
“.....	“.....	91½
“.....	“.....	93½
A. E. Stump.....	Bloomington, Ill.....	90
“.....	“.....	92½
“.....	“.....	91
“.....	“.....	91
“.....	“.....	89½
“.....	“.....	88
Average.....	.....	90½

First premium to C. B. Pearce, Grand Rapids, Mich.

Second, third and fourth premiums to Henry Davis, Dyer, Ind.

Fifth premium to C. B. Pearce, Grand Rapids, Mich.

## Langshan Cock.

Harding Bros.....	Ridgeville, Ill.....	91½
Woodward & Sewell.....	Evanston, Ill.....	90½
“.....	“.....	93
Average.....	.....	91¾

First premium to Woodward & Sewell, Evanston, Ill.

Second premium to Harding Bros., Ridgeville, Ill.

Third premium to Woodward & Sewell, Evanston, Ill.

## Langshan Cockerel.

C. C. Magoon.....	Washington Heights, Ill.....	93½
W. E. Bryant.....	Petersburg, Ill.....	92
John E. Cole.....	Elmore, Ill.....	89½
F. A. Mortimer.....	Pottsville, Pa.....	91
E. F. Young.....	Decatur, Ill.....	92½
Woodward & Sewell.....	Evanston, Ill.....	91½
“.....	“.....	93
“.....	“.....	92½
“.....	“.....	89½
“.....	“.....	93½
J. B. Foot.....	Norwood Park, Ill.....	90½
J. S. Schuerman.....	Geneseo, Ill.....	92
Average.....	.....	91¾

First premium, a tie between C. C. Magoon and Woodward & Sewell.

Second premium to Woodward & Sewell, Evanston, Ill.

Third premium, a tie between Woodward & Sewell and E. F. Young.

Fourth premium, a tie between W. E. Bryant and J. S. Schuerman.

Fifth premium to F. A. Mortimer, Pottsville, Pa.

## Langshan Hen.

E. F. Young.....	Decatur, Ill.....	89½
Woodward & Sewell.....	Evanston, Ill.....	91½
“.....	“.....	91
“.....	“.....	92
“.....	“.....	91
“.....	“.....	91½
Average.....	.....	91

First, second, third, fourth and fifth premiums to Woodward & Sewell, Evanston, Ill.



## Langshan Pullet.

Exhibitor.	Postoffice.	Score.
C. C. Magoon.....	Washington Heights, Ill.....	91½
“.....	“.....	93½
“.....	“.....	88
“.....	“.....	89½
“.....	“.....	90
W. E. Bryant.....	Petersburg, Ill.....	90½
“.....	“.....	92½
Harding Bros.....	Ridgeville, Ill.....	90
“.....	“.....	87½
John E. Cole.....	Ellmore, Ill.....	93½
“.....	“.....	90
“.....	“.....	90½
F. A. Mortimer.....	Pottsville, Pa.....	91½
“.....	“.....	91
“.....	“.....	90½
“.....	“.....	92
“.....	“.....	90
E. F. Young.....	Decatur, Ill.....	91
“.....	“.....	89½
“.....	“.....	93
“.....	“.....	92
Woodward & Sewell.....	Evanston, Ill.....	92
“.....	“.....	93½
“.....	“.....	92
“.....	“.....	92½
“.....	“.....	93½
“.....	“.....	95
“.....	“.....	94½
“.....	“.....	93
“.....	“.....	96
“.....	“.....	92½
“.....	“.....	92½
“.....	“.....	91
J. S. Schuerman.....	Geneseo, Ill.....	91
“.....	“.....	91½
Average.....	.....	91¾

First, second and third premiums to Woodward & Sewell, Evanston, Ill.

Fourth premium, a tie between Woodward & Sewell, Evanston, Ill., C. C. Magoon, Washington Heights, Ill. and John E. Cole, Ellmore, Ill.

Fifth premium, a tie between Woodward & Sewell, Evanston, Ill., and E. F. Young, Decatur, Ill.

## Lot 70—AMERICAN.

## Plymouth Rock Cocks.

L. A. Towne.....	Grand Rapids, Mich.....	81¼
J. E. White.....	Chicago, Ill.....	91¼
J. B. Foot.....	Norwood Park, Ill.....	79½
Jas. Pridham.....	Downer's Grove, Ill.....	82½
“.....	“.....	82½
“.....	“.....	82½
Edward Barron.....	Donnellson, Ill.....	86½
F. M. Munger.....	DeKalb, Ill.....	82
“.....	“.....	92¼
“.....	“.....	86
Average.....	.....	85

First and fourth premiums to F. M. Munger, DeKalb, Ill.

Second premium to J. E. White, Chicago, Ill.

Third premium to Ed. Barron, Donnellson, Ill.

Fifth premium to L. A. Towne, Grand Rapids, Mich.

## Plymouth Rock Cockerels.

Exhibitor.	Postoffice.	Score.
W. H. Van Doren.....	Buckingham, Ill.....	88½
“.....	“.....	91
“.....	“.....	88½
“.....	“.....	90½
F. H. Shellabarger.....	Letts, Iowa.....	88½
“.....	“.....	87¼
“.....	“.....	88
“.....	“.....	91½
“.....	“.....	86¼
“.....	“.....	88
“.....	“.....	90½
D. P. McCracken.....	Paxton, Ill.....	90
“.....	“.....	89½
“.....	“.....	84¼
Otto O. Wilde.....	Hinsdale, Ill.....	89¾
“.....	“.....	83½
“.....	“.....	84
“.....	“.....	82
Keenan & Pool.....	Upper Sandusky, Ohio.....	91¼
S. N. Williams.....	Monroeville, Ind.....	90
Thos. McCune.....	McConnell's Mills, Pa.....	87½
L. A. Towne.....	Grand Rapids, Mich.....	89¾
“.....	“.....	87½
J. E. White.....	Chicago, Ill.....	87½
“.....	“.....	88½
“.....	“.....	90
“.....	“.....	92½
J. B. Foot.....	Norwood Park, Ill.....	87½
“.....	“.....	84¾
“.....	“.....	88¼
“.....	“.....	85
Jas. Pridham.....	Downer's Grove, Ill.....	89¼
“.....	“.....	89¼
“.....	“.....	86½
“.....	“.....	86½
“.....	“.....	90¾
“.....	“.....	87
“.....	“.....	87½
“.....	“.....	85¾
“.....	“.....	89
“.....	“.....	88½
“.....	“.....	85½
Henry Arnd.....	Odin, Ill.....	90½
F. M. Munger.....	DeKalb, Ill.....	90¾
“.....	“.....	88
“.....	“.....	91
“.....	“.....	89
“.....	“.....	84½
“.....	“.....	82
“.....	“.....	86
“.....	“.....	89
“.....	“.....	89
“.....	“.....	90¼
“.....	“.....	90
“.....	“.....	87½
“.....	“.....	86¼
“.....	“.....	93
“.....	“.....	87
“.....	“.....	91¾
“.....	“.....	90
Average.....	.....	89¾

First premium to F. M. Munger, DeKalb, Ill.

Second premium to J. E. White, Chicago, Ill.

Third premium to F. M. Munger, DeKalb, Ill.

Fourth premium to F. H. Shellabarger, Letts, Iowa.

Fifth premium to Keenan & Pool, Upper Sandusky, Ohio.



## Plymouth Rock Hens.

Exhibitor.	Postoffice.	Score.
Thos. McCune.....	McConnell's Mills, Pa.....	85 $\frac{1}{4}$
".....	".....	86 $\frac{1}{2}$
".....	".....	91 $\frac{1}{2}$
L. A. Towne.....	Grand Rapids, Mich.....	87
".....	".....	93 $\frac{1}{4}$
J. E. White.....	Chicago, Ill.....	87 $\frac{1}{2}$
".....	".....	88 $\frac{1}{2}$
".....	".....	85 $\frac{1}{4}$
".....	".....	86 $\frac{1}{2}$
".....	".....	91 $\frac{1}{4}$
".....	".....	87 $\frac{1}{4}$
J. B. Foot.....	Norwood Park, Ill.....	86
".....	".....	91
".....	".....	84 $\frac{1}{4}$
".....	".....	86
".....	".....	83
Jas. Pridham.....	Downer's Grove, Ill.....	85 $\frac{1}{2}$
Ed. Barron.....	Donnellson, Ill.....	92 $\frac{1}{2}$
".....	".....	87 $\frac{1}{2}$
".....	".....	81 $\frac{1}{4}$
".....	".....	84 $\frac{3}{4}$
F. M. Munger.....	DeKalb, Ill.....	90 $\frac{3}{4}$
".....	".....	83 $\frac{1}{2}$
".....	".....	86 $\frac{1}{4}$
".....	".....	86
".....	".....	84
".....	".....	90
".....	".....	90
Mrs. A. Lehman.....	Neosho, Wis.....	87 $\frac{1}{2}$
Average.....	.....	87 $\frac{1}{2}$

First premium to L. A. Towne, Grand Rapids, Mich.

Second premium to Edward Barron, Donnellson, Ill.

Third premium to Thos. McCune, McConnell's Mills, Pa.

Fourth premium to J. E. White, Chicago, Ill.

Fifth premium to J. B. Foot, Norwood Park, Ill,

## Plymouth Rock Pallet.

W. H. Van Doren.....	Buckingham, Ill.....	99 $\frac{1}{4}$
".....	".....	83 $\frac{3}{4}$
".....	".....	89
".....	".....	86 $\frac{1}{2}$
".....	".....	87 $\frac{3}{4}$
".....	".....	91 $\frac{1}{4}$
".....	".....	88 $\frac{3}{4}$
".....	".....	90 $\frac{1}{4}$
".....	".....	89 $\frac{1}{4}$
".....	".....	90 $\frac{1}{4}$
".....	".....	90 $\frac{1}{2}$
".....	".....	91
".....	".....	89
".....	".....	91 $\frac{1}{4}$
".....	".....	89 $\frac{1}{4}$
".....	".....	87 $\frac{1}{2}$
".....	".....	91 $\frac{1}{4}$
F. H. Shellabarger.....	Letts, Ia.....	89 $\frac{3}{4}$
".....	".....	92 $\frac{1}{4}$
".....	".....	88
".....	".....	86 $\frac{1}{2}$
".....	".....	92 $\frac{1}{2}$
D. F. McCracken.....	Paxton, Ill.....	88 $\frac{3}{4}$
Otto O. Wilde.....	Hinsdale, Ill.....	85
".....	".....	84
".....	".....	89 $\frac{1}{2}$
".....	".....	88 $\frac{1}{2}$
".....	".....	91 $\frac{1}{4}$
".....	".....	83

Plymouth Rock Pullet—*Continued.*

Exhibitor.	Postoffice.	Score.
Otto O. Wilde.....	Hinsdale, Ill.....	80
“.....	“.....	83½
“.....	“.....	85½
“.....	“.....	82¾
“.....	“.....	81
“.....	“.....	81½
“.....	“.....	85
“.....	“.....	82½
“.....	“.....	81½
“.....	“.....	79
“.....	“.....	82
“.....	“.....	87½
“.....	“.....	78½
Keenan & Pool.....	Upper Sandusky, O.....	90¾
S. N. Williams.....	Monroeville, Ind.....	91½
Thos. McCune.....	McCounell's Mills, Pa.....	90¾
“.....	“.....	89
“.....	“.....	80
“.....	“.....	90½
“.....	“.....	90
“.....	“.....	90½
“.....	“.....	91
“.....	“.....	92¾
“.....	“.....	88½
J. E. White.....	Chicago, Ill.....	92
“.....	“.....	90½
“.....	“.....	90½
“.....	“.....	88¾
“.....	“.....	89¾
“.....	“.....	90¼
“.....	“.....	91½
“.....	“.....	88½
“.....	“.....	91¾
“.....	“.....	92
“.....	“.....	91¼
“.....	“.....	90¼
“.....	“.....	88½
“.....	“.....	92¼
J. B. Foot.....	Norwood Park, Ill.....	93½
“.....	“.....	91¼
“.....	“.....	91½
James Pridham.....	Downer's Grove, Ill.....	85
“.....	“.....	88
“.....	“.....	88¾
“.....	“.....	88½
“.....	“.....	88¼
“.....	“.....	87¾
“.....	“.....	84
“.....	“.....	85¼
“.....	“.....	88¾
“.....	“.....	84½
“.....	“.....	89
“.....	“.....	81½
“.....	“.....	84½
“.....	“.....	85½
“.....	“.....	88¼
“.....	“.....	87¾
“.....	“.....	84½
“.....	“.....	85½
“.....	“.....	88
“.....	“.....	85¼
“.....	“.....	82½
“.....	“.....	86
“.....	“.....	84
“.....	“.....	86¾
“.....	“.....	88½
“.....	“.....	87½
“.....	“.....	86½
“.....	“.....	85
“.....	“.....	88¼
Ed Barron.....	Donnellson, Ill.....	89½
Henry Arnd.....	Odin, Ill.....	88
“.....	“.....	87½
“.....	“.....	91¼
“.....	“.....	89½
“.....	“.....	91¾



Plymouth Rock Pullets--*Continued*.

Exhibitor.	Postoffice.	Score.
F. M. Munger .....	DeKalb, Ill .....	87
" .....	" .....	90
" .....	" .....	88
" .....	" .....	90 $\frac{3}{4}$
" .....	" .....	86 $\frac{1}{2}$
" .....	" .....	87
" .....	" .....	86
" .....	" .....	87
" .....	" .....	89 $\frac{1}{4}$
" .....	" .....	85
" .....	" .....	88
" .....	" .....	93
" .....	" .....	90 $\frac{1}{2}$
" .....	" .....	90
" .....	" .....	86 $\frac{1}{4}$
" .....	" .....	84 $\frac{1}{2}$
" .....	" .....	88
" .....	" .....	91
" .....	" .....	91 $\frac{1}{2}$
" .....	" .....	91
" .....	" .....	90
" .....	" .....	91
" .....	" .....	90
" .....	" .....	90 $\frac{3}{4}$
" .....	" .....	88 $\frac{3}{4}$
" .....	" .....	90 $\frac{1}{4}$
" .....	" .....	85 $\frac{3}{4}$
" .....	" .....	88
" .....	" .....	87
Average .....	.....	87

First premium, J. B. Foot, Norwood Park, Ill.

Second premium, F. M. Munger, DeKalb, Ill.

Third premium, L. A. Towne, Grand Rapids, Mich.

Fourth premium, F. H. Shellabarger, Letts, Iowa.

Fifth premium, J. E. White, Chicago, Ill.

## Wyandotte Cocks.

Prickett & Knisely .....	Columbia City, Ind .....	84 $\frac{1}{2}$
D. A. Stoner .....	Morocco, Ind .....	78
F. M. Cori .....	Shelbyville, Ind .....	87 $\frac{1}{4}$
J. B. Foot .....	Norwood Park, Ill .....	84 $\frac{1}{4}$
C. B. Cage .....	Shelbyville, Ind .....	86 $\frac{1}{4}$
Charles McClare .....	New London, Ohio .....	86 $\frac{3}{4}$
Average .....	.....	83 $\frac{3}{8}$

Second premium, F. M. Cori, Shelbyville, Ind.

Third premium, Charles McClare, New London, Ohio.

Fourth premium, C. B. Cage, Shelbyville, Ind.

Fifth premium, Prickett & Knisely, Columbia City, Ind.

### Wyandotte Cockerels.

Exhibitor.	Postoffice.	Score.
D. A. Stoner.	Morocco, Ind.	88
"	"	85½
D. P. McCracken.	Paxton, Ill.	89½
"	"	88½
"	"	89
"	"	90
"	"	90½
"	"	86½
"	"	90½
Prickett & Knisely.	Columbia City, Ind.	88
"	"	86
"	"	89
Henry Davis.	Dyer, Ind.	89
D. A. Stoner.	Morocco, Ind.	89½
"	"	86½
"	"	88½
F. M. Cori.	Shelbyville, Ind.	90
"	"	92½
"	"	90
"	"	92
J. B. Foot.	Norwood Park, Ill.	90
C. B. Cage.	Shelbyville, Ill.	90
Chas. McClare.	New London, Ohio.	91
"	"	89½
"	"	86
"	"	87
S. H. Oberlin.	Massillon, Ohio.	91
Henry Arnd.	Odin, Ill.	92
F. M. Munger.	DeKalb, Ill.	86
"	"	87
"	"	90
"	"	92
"	"	91½
Mrs. A. W. Lehman.	Neosho, Wis.	88
J. M. Yorgey.	Horicon, Wis.	89
D. W. Leatherman.	Nappanee, Ind.	87½
John Cole.	Elmore, Ill.	87½
Fred R. Hoover.	Genoa, Ill.	90½
Geo. W. Pratt.	Wauconda, Ill.	87
"	"	88
E. F. Young.	Decatur, Ill.	89
"	"	88
R. J. McLaughlin.	Cincinnati, Ohio.	89
Average.		88¾

First premium to F. M. Cori, Shelbyville, Ind.  
Second premium to F. M. Munger, DeKalb, Ill.  
Third premium to Henry Arnd, Odin, Ill.  
Fourth premium to F. M. Cori, Shelbyville, Ind.  
Fifth premium to F. M. Munger, DeKalb, Ill.

Wyandotte Hens.

Prickett & Knisely.....	Columbia City, Ind.....	83½
“.....	“.....	86½
“.....	“.....	86¼
F. M. Cori.....	Shelbyville, Ind.....	94
“.....	“.....	93½
J. B. Foot.....	Norwood Park, Ill.....	83½
F. M. Munger.....	DeKalb, Ill.....	88¼
“.....	“.....	88¾
“.....	“.....	84½
C. B. Cage.....	Shelbyville, Ind.....	87
Average.....		97½

First and second premiums to F. M. Cori, Shelbyville, Ind.  
Third and fourth premiums to F. M. Munger, DeKalb, Ill.  
Fifth premium to C. B. Cage, Shelbyville, Ill.



## Wyandotte Pullet.

Exhibitor.	Postoffice.	Score.
D. A. Stoner .....	Morocco, Ind. ....	86
" .....	" .....	91
" .....	" .....	87½
" .....	" .....	90
" .....	" .....	89½
" .....	" .....	91
D. P. McCracken .....	Paxton, Ill. ....	92½
" .....	" .....	91½
" .....	" .....	90
" .....	" .....	88½
" .....	" .....	88
Prickett & Knisely .....	Columbia City, Ind. ....	87½
" .....	" .....	83½
" .....	" .....	83½
" .....	" .....	87½
" .....	" .....	86
" .....	" .....	85½
" .....	" .....	87
" .....	" .....	87½
" .....	" .....	87½
" .....	" .....	89
Henry Davis .....	Dyer, Ind. ....	92½
" .....	" .....	91
Woodward & Sewell .....	Evanston, Ill. ....	92
F. M. Cori .....	Shelbyville, Ind. ....	90½
" .....	" .....	93½
" .....	" .....	90½
" .....	" .....	90
" .....	" .....	90½
" .....	" .....	92½
" .....	" .....	91½
" .....	" .....	90½
" .....	" .....	89½
J. B. Foot .....	Norwood Park, Ill. ....	89
" .....	" .....	89
" .....	" .....	89
" .....	" .....	90½
" .....	" .....	89½
C. B. Cage .....	Shelbyville, Ind. ....	92
" .....	" .....	87½
" .....	" .....	87½
" .....	" .....	91½
" .....	" .....	88½
" .....	" .....	91
Chas. McClare .....	New London, Ohio ....	90½
" .....	" .....	88½
" .....	" .....	90
" .....	" .....	92
" .....	" .....	92
" .....	" .....	89
S. H. Oberlin .....	Massillon, Ohio ....	90½
" .....	" .....	91
" .....	" .....	87½
" .....	" .....	89½
" .....	" .....	88½
Henry Arnd .....	Odin, Ill. ....	90½
" .....	" .....	92¾
" .....	" .....	91½
" .....	" .....	93
" .....	" .....	88½
F. M. Munger .....	DeKalb, Ill. ....	88½
" .....	" .....	92½
" .....	" .....	90
" .....	" .....	91½
" .....	" .....	92
" .....	" .....	91
" .....	" .....	93
" .....	" .....	90½
Mrs. A. W. Lehman .....	Neosho, Wis. ....	90½
J. M. Yorgey .....	Horicon, Wis. ....	91½
" .....	" .....	89
" .....	" .....	88
" .....	" .....	90¼
" .....	" .....	91½
D. W. Leatherman .....	Nappanee, Ind. ....	91
" .....	" .....	90
John Cole .....	Ellmore, Ill. ....	87
" .....	" .....	86½

Wyandotte Pullet—*Continued.*

Exhibitor.	Postoffice.	Score.
F. R. Hoover.....	Genoa, Ill.....	88
“.....	“.....	92
“.....	“.....	89½
“.....	“.....	88½
“.....	“.....	89½
Geo. W. Craft.....	Wauconda, Ill.....	88
“.....	“.....	89
E. F. Young.....	Decatur, Ill.....	89
“.....	“.....	90
“.....	“.....	89½
“.....	“.....	91½
“.....	“.....	89½
“.....	“.....	89½
Average.....		89¾

First premium to F. M. Cori, Shelbyville, Ind.

Second premium to Henry Arnd, Odin, Ill.

Third premium to F. M. Munger, DeKalb, Ill.

Fourth premium to Henry Arnd, Odin, Ill.

Fifth premium to Henry Davis, Dyer, Ind.

## Black Java Cock.

N. T. Lattin.....	Gaines, N. Y.....	89½
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Second premium to N. T. Lattin, Gaines, N. Y.

## Black Java Cockerel.

J. L. Sheldon.....	Central Village, Conn.....	96
Henry Turck.....	Ellenwood Place, Ohio.....	93½
E. F. Young.....	Decatur, Ill.....	94
“.....	“.....	92½
M. H. Little.....	Palatine, Ill.....	95½
“.....	“.....	93
Average.....	Average.....	94

First premium to J. L. Sheldon, Central Village, Conn,

Second premium to M. H. Little, Palatine, Ill.

Third premium to E. F. Young, Decatur, Ill.

Fourth premium to Henry Turck, Ellenwood Place, O.

Fifth premium to M. H. Little, Palatine, Ill.

## Black Java Hens.

J. L. Sheldon.....	Central Village, Conn.....	93½
“.....	“.....	93
Henry Turck.....	Ellenwood Place, O.....	90
E. F. Young.....	Decatur, Ill.....	84
“.....	“.....	89½
“.....	“.....	87½
N. T. Lattin.....	Gaines, N. Y.....	90
“.....	“.....	88¾
“.....	“.....	88
“.....	“.....	83½
“.....	“.....	93
Average.....		89



First and second premiums to J. L. Sheldon, Central Village, Conn.

Third premium to N. T. Lattin, Gaines, N. Y.

Fourth premium a tie between N. T. Lattin and Henry Turck.

Fifth premium to E. F. Young, Decatur, Ill.

Black Java Pullet.

Exhibitor.	Postoffice.	Score.
J. L. Sheldon .....	Central Village, Conn.....	97½
“ .....	“ .....	96½
“ .....	“ .....	96¼
“ .....	“ .....	96½
Henry Turck.....	Ellenwood Place, O.....	94
“ .....	“ .....	97
“ .....	“ .....	97
“ .....	“ .....	94
E. F. Young.....	Decatur, Ill.....	94
“ .....	“ .....	95
M. H. Little.....	Palatine, Ill.....	93½
“ .....	“ .....	92
“ .....	“ .....	95½
“ .....	“ .....	95
“ .....	“ .....	91
“ .....	“ .....	93½
“ .....	“ .....	96
“ .....	“ .....	96
“ .....	“ .....	92
Average.....	.....	95

First premium to J. L. Sheldon, Central Village, Conn.

Second and third premiums to Henry Turck, Ellenwood Place, O.

Fourth and fifth premiums to J. L. Sheldon, Central Village, Conn.

Mottled Java Hens.

M. H. Little.....	Palatine, Ill.....	93
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First premium to M. H. Little, Palatine, Ill.

Lot 71.

White Leghorn Cocks.

C. E. Masters .....	Arlington Heights, Ill.....	94½
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First premium to C. E. Masters, Arlington Heights, Ill.

White Leghorn Cockerels.

W. B. Reynolds.....	Rockford, Ill.....	95
“ .....	“ .....	97
F. M. Munger.....	DeKalb, Ill.....	91
“ .....	“ .....	93
“ .....	“ .....	96
“ .....	“ .....	96¾
“ .....	“ .....	92
“ .....	“ .....	95½
Average.....	.....	94½

First premium to W. B. Reynolds, Rockford, Ill.

Second, third and fourth premiums to F. M. Munger, DeKalb, Ill.

Fifth premium to W. B. Reynolds, Rockford, Ill.

## White Leghorn Hens.

Exhibitor.	Postoffice.	Score.
C. E. Masters .....	Arlington Heights, Ill. ....	96
F. M. Munger .....	DeKalb, Ill. ....	96 $\frac{3}{4}$
" .....	" .....	94 $\frac{1}{4}$
" .....	" .....	95 $\frac{1}{4}$
" .....	" .....	95
" .....	" .....	95
Average .....	.....	95 $\frac{1}{4}$

First, third, fourth and fifth premiums to F. M. Munger, DeKalb, Ill.

Second premium to C. E. Masters, Arlington Heights, Ill.

## White Leghorn Pullets.

C. E. Masters .....	Arlington Heights, Ill. ....	95 $\frac{3}{4}$
" .....	" .....	96
" .....	" .....	97
" .....	" .....	95
F. M. Munger .....	DeKalb, Ill. ....	98 $\frac{1}{4}$
" .....	" .....	97 $\frac{1}{4}$
" .....	" .....	96 $\frac{1}{2}$
" .....	" .....	97
" .....	" .....	95 $\frac{1}{2}$
" .....	" .....	95
" .....	" .....	96
" .....	" .....	96 $\frac{1}{2}$
" .....	" .....	97 $\frac{1}{2}$
" .....	" .....	95
" .....	" .....	96 $\frac{1}{2}$
" .....	" .....	95 $\frac{1}{2}$
" .....	" .....	96 $\frac{1}{4}$
" .....	" .....	96
" .....	" .....	96 $\frac{1}{2}$
" .....	" .....	96 $\frac{1}{2}$
" .....	" .....	98
Average .....	.....	96 $\frac{3}{4}$

First, second, third and fourth premiums to F. M. Munger, DeKalb, Ill.

Fifth premium to C. E. Masters, Arlington Heights, Ill.

## Brown Leghorn Cocks.

Ed. Barron .....	Donnellson, Ill. ....	86 $\frac{3}{4}$
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Third premium awarded to above exhibit.

## Brown Leghorn Cockerels.

C. E. Fitzgerald .....	Marion, Iowa .....	90 $\frac{1}{2}$
" .....	" .....	87 $\frac{1}{2}$
" .....	" .....	92 $\frac{1}{2}$
" .....	" .....	91 $\frac{1}{2}$
" .....	" .....	92
" .....	" .....	94
James Swan .....	Chicago, Ill. ....	96 $\frac{3}{4}$
Ed. Barron .....	Donnellson, Ill. ....	89 $\frac{1}{2}$
" .....	" .....	94 $\frac{1}{4}$
" .....	" .....	93
" .....	" .....	94
" .....	" .....	95 $\frac{3}{4}$
" .....	" .....	96
F. M. Munger .....	DeKalb, Ill. ....	95 $\frac{1}{2}$
" .....	" .....	90 $\frac{1}{2}$
" .....	" .....	91
" .....	" .....	96 $\frac{1}{2}$
" .....	" .....	96
Average .....	.....	93 $\frac{1}{8}$



First premium to James Swan, Chicago, Ill.

Second and fourth premiums to F. M. Munger, DeKalb, Ill.

Third premium a tie between Ed. Barron and F. M. Munger.

Fifth premium to Ed. Barron, Donnellson, Ill.

### Brown Leghorn Hens.

Exhibitor.	Postoffice.	Score.
Ed. Barron.....	Donnellson, Ill.....	92½
“.....	“.....	93½
“.....	“.....	91½
“.....	“.....	87
“.....	“.....	88
F. M. Munger.....	DeKalb, Ill.....	95
“.....	“.....	93
Average.....	.....	91¼

First and third premiums to F. M. Munger, DeKalb, Ill.

Second, fourth and fifth premiums to Ed. Barron, Donnellson, Ill.

### Brown Leghorn Pullets.

R. E. Fitzgerald.....	Marion, Iowa.....	92½
“.....	“.....	94
“.....	“.....	92
“.....	“.....	93½
“.....	“.....	92
“.....	“.....	92½
“.....	“.....	95½
M. Leonard.....	Hyde Park, Ill.....	95¼
“.....	“.....	95½
“.....	“.....	91¾
“.....	“.....	95½
James Swan.....	Chicago, Ill.....	94
“.....	“.....	96¾
F. A. Schippel.....	“.....	93½
Edward Barron.....	Donnellson, Ill.....	95¾
“.....	“.....	95¼
“.....	“.....	93½
“.....	“.....	93½
“.....	“.....	93
“.....	“.....	93
“.....	“.....	92¾
“.....	“.....	94½
“.....	“.....	92¾
“.....	“.....	96½
“.....	“.....	96½
“.....	“.....	94½
“.....	“.....	94¼
“.....	“.....	93¾
“.....	“.....	94
“.....	“.....	91½
“.....	“.....	92
“.....	“.....	94½
“.....	“.....	93½
F. M. Munger.....	DeKalb, Ill.....	93
“.....	“.....	93¾
“.....	“.....	93
“.....	“.....	91½
“.....	“.....	93
“.....	“.....	92
“.....	“.....	96
“.....	“.....	96
“.....	“.....	94½
“.....	“.....	93½
“.....	“.....	91½
“.....	“.....	94
“.....	“.....	95

Brown Leghorn Pullets—*Continued.*

Exhibitor.	Postoffice.	Score.
F. M. Munger .....	DeKalb, Ill. ....	95
" .....	" .....	96
" .....	" .....	90
" .....	" .....	91 $\frac{1}{4}$
" .....	" .....	93 $\frac{1}{2}$
Average.....	.....	93 $\frac{3}{4}$

First premium, James Swan, Chicago, Ill.

Second and third premiums, Ed Barron, Donnellson, Ill.

Fourth and fifth premiums, F. M. Munger, DeKalb, Ill.

## White Rose-Comb Cockerels.

George T. Pitkin.....	Chicago, Ill. ....	93
" .....	" .....	95 $\frac{1}{2}$
" .....	" .....	92 $\frac{1}{2}$
F. Ingraham .....	Waukegan, Ill. ....	92
Average.....	.....	93 $\frac{1}{4}$

First, second and third premiums, George T. Pitkin, Chicago, Ill.

Fourth premium, F. Ingraham, Waukegan, Ill.

## White Rose-Comb Pullets.

George T. Pitkin.....	Chicago, Ill. ....	93
" .....	" .....	95 $\frac{1}{2}$
" .....	" .....	98 $\frac{1}{2}$
" .....	" .....	96
" .....	" .....	96 $\frac{1}{2}$
" .....	" .....	95
" .....	" .....	95
" .....	" .....	93
" .....	" .....	90 $\frac{3}{4}$
" .....	" .....	96 $\frac{1}{4}$
Fred Ingraham .....	Waukegan, Ill. ....	93
" .....	" .....	94 $\frac{1}{2}$
" .....	" .....	93 $\frac{1}{2}$
" .....	" .....	94 $\frac{1}{2}$
Average.....	.....	94 $\frac{3}{4}$

First, second, third, fourth and fifth premiums to George T. Pitkin in Chicago, Ill.

## Brown Rose-Comb Cocks.

Theo. Hughes.....	Trenton, Mo. ....	88
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Second premium, Theo. Hughes, Trenton, Mo.

## Brown Rose-Comb Cockerels.

George T. Pitkin.....	Chicago, Ill. ....	92
" .....	" .....	90 $\frac{3}{4}$
" .....	" .....	90 $\frac{3}{4}$
Average.....	.....	92 $\frac{1}{3}$

First, second and third premiums, George T. Pitkin, Chicago, Ill.



## Brown Rose-Comb Hens.

Exhibitor.	Postoffice.	Score.
George T. Pitkin.....	Chicago, Ill.....	94 $\frac{1}{4}$

First premium awarded above exhibit.

## Brown Rose-Comb Pullets.

George T. Pitkin.....	Chicago, Ill.....	93
".....	".....	96
".....	".....	92 $\frac{1}{2}$
".....	".....	95 $\frac{1}{2}$
".....	".....	95 $\frac{1}{2}$
".....	".....	89
".....	".....	95 $\frac{1}{2}$
".....	".....	97 $\frac{1}{4}$
".....	".....	95 $\frac{1}{2}$
".....	".....	96 $\frac{3}{4}$
Theo. Hughes.....	Trenton, Mo.....	92 $\frac{1}{2}$
".....	".....	93 $\frac{1}{2}$
".....	".....	95 $\frac{1}{2}$
".....	".....	93 $\frac{1}{2}$
".....	".....	94 $\frac{3}{4}$
Average.....	.....	94

First, second, third and fifth premiums to George T. Pitkin, Chicago, Ill.

Fourth premium to Theo. Hughes, Trenton, Mo.

## LOT 72—HAMBURGS.

## Silver Spangled Cocks.

E. F. Young.....	Decatur, Ill.....	83
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Third premium awarded above exhibit.

## Silver Spangled Cockerels.

W. D. Robertson.....	Rockford, Ill.....	88 $\frac{1}{4}$
".....	".....	86 $\frac{1}{2}$
".....	".....	88 $\frac{1}{2}$
".....	".....	88
E. F. Young.....	Decatur, Ill.....	87 $\frac{1}{4}$
Average.....	.....	88

Second, third and fourth premiums to W. D. Robertson, Rockford, Ill.

Fifth premium to E. F. Young, Decatur, Ill.

Silver Spangled Hens.

Exhibitor.	Postoffice.	Score.
E. F. Young.....	Decatur, Ill.....	90½
“.....	“.....	87½
“.....	“.....	89½
“.....	“.....	89¼
“.....	“.....	88¾
Average.....	.....	89

First, second, third, fourth and fifth premiums awarded the above exhibit.

Silver Spangled Pullets

W. D. Robertson.....	Rockford, Ill.....	93
“.....	“.....	91½
“.....	“.....	90
“.....	“.....	90
“.....	“.....	89
“.....	“.....	90
“.....	“.....	88
“.....	“.....	87
“.....	“.....	85½
“.....	“.....	88½
Average.....	.....	89¼

First, second, third, fourth and fifth premiums awarded above exhibit.

Silver Penciled Cocks.

J. H. Johnson.....	Maywood, Ill.....	88
“.....	“.....	92
Average.....	.....	90

First and second premiums awarded above exhibit.

Silver Penciled Hens.

J. H. Johnson.....	Maywood, Ill.....	92
“.....	“.....	91½
“.....	“.....	90
“.....	“.....	91
“.....	“.....	92½
Average .....	.....	91⅔

First, second, third, fourth and fifth preminms awarded above exhibit.

LOT 73—DORKINGS.

Silver Gray Cocks.

Geo. Leigh & Co.....	Anrora, Ill .....	92½
“.....	“.....	94
“.....	“.....	92½
Average . .....	.....	93

First, second and third premiums awarded above exhibit.



## Silver Grey Cockerels.

Exhibitor.	Postoffice.	Score.
Geo. Leigh & Co.....	Aurora, Ill .....	95
“.....	“.....	92½
F. A. Mortimer .....	Pottsville, Pa.....	96
E. K. Meredith.....	Batavia, Ill.....	91½
Average.....	.....	93¾

First premium to F. A. Mortimer, Pottsville, Pa.

Second and third premiums to Geo. Leigh & Co., Aurora, Ill.

Fourth premium to E. K. Meredith, Batavia, Ill.

## Silver Grey Hens.

Geo. Leigh & Co.....	Aurora, Ill .....	96
“.....	“.....	94½
“.....	“.....	92½
“.....	“.....	96½
E. K. Meredith.....	Batavia, Ill.....	90
Average .....	.....	94

First, second, third and fourth premiums to Geo. Leigh & Co., Aurora, Ill.

Fifth premium to E. K. Meredith, Batavia, Ill.

## Silver Grey Pullets.

Geo. Leigh & Co.....	Aurora, Ill .....	95½
“.....	“.....	96
“.....	“.....	95
“.....	“.....	91½
“.....	“.....	90
F. A. Mortimer .....	Pottsville, Pa.....	95½
“.....	“.....	93
“.....	“.....	95
“.....	“.....	94
“.....	“.....	94
Average .....	.....	94

First premium to Geo. Leigh & Co., Aurora, Ill.

Second and third premiums a tie between Geo. Leigh & Co. and F. A. Mortimer.

Fourth and fifth premiums to F. A. Mortimer, Pottsville, Pa.

## Colored Dorking Cockerels.

E. A. Sanford.....	Markham, Ont.....	94
“.....	“.....	96
Average .....	.....	95

First and second premiums awarded the above exhibit.

## Colored Dorking Hens.

Exhibitor.	Postoffice	Score.
E. A. Sanford.....	Markham, Ont .....	90
“ .....	“ .....	91 $\frac{3}{4}$
Average .....	.....	90 $\frac{7}{8}$

First and second premiums awarded above exhibit.

## Colored Dorking Pullets.

E. A. Sanford.....	Markham, Ont.....	96
“ .....	“ .....	95
Average .....	.....	95 $\frac{1}{2}$

First and second premiums awarded above exhibit.

## LOT 74—SPANISH.

## White-face Black Cockerels.

F. A. Schippel.....	Chicago, Ill.....	92
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First premium awarded F. A. Schippel, Chicago, Ill.

## White-face White Cockerels.

(Not scored.)

F. M. Clemmons..... Mechanicsburg, Ohio

First premium awarded above exhibit.

## White-face White Hens.

(Not scored.)

F. M. Clemmons..... Mechanicsburg, Ohio  
“ .....

First and second premiums awarded above exhibit.

## LOT 75—FRENCH.

## Houdan Cocks.

Exhibitor.	Postoffice.	Score.
F. R. Hoover.....	Chenoa, Ill.....	92
A. D. Olin.....	Streetsboro, O.....	86 $\frac{1}{2}$
“ .....	“ .....	89
“ .....	“ .....	89 $\frac{1}{4}$
Andy Cook.....	Waukegan, Ill.....	88
Average .....	.....	89

First premium to F. R. Hoover, Chenoa, Ill.

Second, third and fifth premiums to A. D. Olin, Streetsboro, Ohio.

Fourth premium to Andy Cook, Waukegan, Ill.



## Houdan Cockerels.

Exhibitor.	Postoffice.	Score.
F. R. Hoover.....	Chenoa, Ill.....	87
A. D. Olin.....	Streetsboro, O.....	89
Andy Cook.....	Waukegan, Ill.....	90
".....	".....	89
".....	".....	87
Average.....	.....	88

First premium to Andy Cook, Waukegan, Ill.

Second premium, a tie between A. D. Olin and Andy Cook.

Third premium, a tie between Andy Cook and F. R. Hoover.

## Houdan Hens.

F. R. Hoover.....	Chenoa, Ill.....	86 $\frac{1}{4}$
A. D. Olin.....	Streetsboro, O.....	89 $\frac{1}{2}$
".....	".....	86
".....	".....	87 $\frac{3}{4}$
".....	".....	85 $\frac{3}{4}$
".....	".....	88 $\frac{1}{2}$
".....	".....	85 $\frac{1}{2}$
".....	".....	89 $\frac{1}{4}$
".....	".....	87
".....	".....	85 $\frac{1}{2}$
".....	".....	83 $\frac{1}{2}$
".....	".....	87 $\frac{3}{4}$
".....	".....	88 $\frac{3}{4}$
".....	".....	85 $\frac{1}{4}$
".....	".....	86
".....	".....	90 $\frac{1}{4}$
Andy Cook.....	Waukegan, Ill.....	87
".....	".....	88 $\frac{1}{2}$
".....	".....	86 $\frac{1}{2}$
Average.....	.....	87

First, second, third, fourth and fifth premiums to A. D. Olin, Streetsboro, O.

## Houdan Pullets.

F. R. Hoover.....	Chenoa, Ill.....	92
".....	".....	92
".....	".....	89 $\frac{1}{2}$
".....	".....	90
".....	".....	91
A. D. Olin.....	Streetsboro, O.....	89
".....	".....	89
".....	".....	89 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	90 $\frac{1}{2}$
Andy Cook.....	Waukegan, Ill.....	91 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	91
".....	".....	88 $\frac{1}{2}$
".....	".....	88 $\frac{1}{2}$
".....	".....	93
".....	".....	93 $\frac{1}{2}$
".....	".....	90
".....	".....	91 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	91 $\frac{1}{2}$
".....	".....	90
".....	".....	88
".....	".....	88
".....	".....	88 $\frac{1}{2}$
Average.....	.....	90 $\frac{1}{5}$

First, second and fifth premiums to Andy Cook, Waukegan, Ill.

Third and fourth premiums to F. R. Hoover, Chenoa, Ill.

## Creve Cœur Cocks.

Exhibitor.	Postoffice.	Score.
Woodward & Sewell .....	Evanston, Ill.....	95

First premium awarded to above exhibit.

## Creve Cœur Hens.

Woodward & Sewell .....	Evanston, Ill.....	96
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First premium awarded to above exhibit.

## LOT 76—POLISH.

## White-Crested Black Cockerels.

H. D. Woodcock. ....	Bridgeport, Ohio.....	91
Chas. McClave. ....	New London, Ohio.....	95
Average.....	.....	93

First premium to Chas. McClave, New London, Ohio.

Second premium to H. D. Woodcock, Bridgeport, Ohio.

## White-Crested Black Hens.

H. D. Woodcock. ....	Bridgeport, Ohio.....	91
" .....	" .....	94
" .....	" .....	95
W. A. Bonar. ....	Coon Island, Pa.....	91½
John F. Tobin. ....	Rochester, N. Y.....	88
Charles McClave.....	New London, Ohio.....	96½
" .....	" .....	94
" .....	" .....	95½
" .....	" .....	97
" .....	" .....	97
Average.....	.....	94

First, second, third and fourth premiums to Chas. McClave, New London, Ohio.

Fifth premium to H. D. Woodcock, Bridgeport, Ohio.

## White-Crested Black Pullets.

John A. Berry .....	Houstonville, Pa.....	88
H. D. Woodcock. ....	Bridgeport, Ohio.....	93½
" .....	" .....	89½
W. A. Bonar. ....	Coon Island, Pa.....	88½
" .....	" .....	89½
" .....	" .....	87
" .....	" .....	88½
Average .....	.....	89½

First and second premiums to H. D. Woodcock, Bridgeport, Ohio.

Third, fourth and fifth premiums to W. A. Bonar, Coon Island, Pa.



## Silver Polish Cocks.

Exhibitor.	Postoffice.	Score.
Charles McClave. ....	New London, Ohio .....	87½

Second premium awarded to above exhibit.

## Silver Polish Hens.

Charles McClave. ....	New London, Ohio .....	92
“ .....	“ .....	92½
“ .....	“ .....	93½
“ .....	“ .....	91
“ .....	“ .....	91¼
Average. ....	.....	92

First, second, third, fourth and fifth premiums awarded to Chas. McClave on above exhibit.

## White-Crested White Cockerels.

John A. Berry. ....	Houstonville, Pa .....	91½
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First premium awarded the above exhibit.

## White-Crested Black Hens.

John A. Berry. ....	Houstonville, Pa .....	83½
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Fourth premium awarded above exhibit.

## White-Crested Black Pullets.

John A. Berry. ....	Houstonville, Pa .....	85
“ .....	“ .....	89
“ .....	“ .....	89½
“ .....	“ .....	88½
Average. ....	.....	88

Second, third, fourth and fifth premiums awarded J. A. Berry on above exhibit.

## Golden Spangled Polish Cockerels.

John A. Berry. ....	Houstonville, Pa .....	83
---------------------	------------------------	----

Second premium awarded to the above exhibit.

## Golden Spangled Polish Pullets.

John A. Berry. ....	Houstonville, Pa .....	81½
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Third premium awarded to above exhibit.

LOT 77—GAME.

Black Breasted Red Cocks.

Exhibitor.	Postoffice.	Score.
George Volans. ....	Irving Park, Ill. ....	91½
E. F. Young. ....	Decatur, Ill. ....	91½
“ .....	“ .....	91
Average. ....	.....	91⅓

First premium a tie between Geo. Volans and E. F. Young.  
Second premium to E. F. Young, Decatur, Ill.

Black-breasted Red Cockerels.

R. M. Poucher.....	Chicago, Ill.....	92
E. B. Garford.....	“ .....	92
Average.....	.....	92

First premium a tie between the above two exhibitors.

Black-breasted Red Hens.

E. F. Young.....	Decatur, Ill.....	90
“ .....	“ .....	93½
Average .....	.....	91⅞

First and second premium to E. F. Young, Decatur, Ill.

Black-breasted Red Pullets.

R. M. Poucher .....	Chicago, Ill.....	93¼
“ .....	“ .....	91½
“ .....	“ .....	95
“ .....	“ .....	91½
“ .....	“ .....	93½
E. F. Young.....	Decatur, Ill.....	92½
“ .....	“ .....	92½
“ .....	“ .....	90½
“ .....	“ .....	93
“ .....	“ .....	90½
E. A. Garford.....	Chicago, Ill.....	93
Average .....	.....	92½

First, second and third premiums to R. M. Poucher, Chicago, Ill.  
Fourth premium a tie between E. F. Young and E. A. Garford.  
Fifth premium a tie between R. M. Poucher and E. F. Young.



Pit Games Cockerels.

(Not scored.)

John Durley..... Englewood, Ill.  
First premium to John Durley, Englewood, Ill.

Pit Games Pullets.

(Not scored.)

John Durley..... Englewood, Ill.  
“..... “  
“..... “  
“..... “

First, second, third, fourth and fifth premiums awarded John Durley, Englewood, Ill

Black Games Cocks.

(Not scored.)

J. D. Luce..... Urbana, O.  
G. W. Pratt..... Wauconda, Ill.

First premium to J. D. Luce, Urbana, O.  
Second premium to G. W. Pratt, Wauconda, Ill.

Black Games Cockerels.

(Not scored.)

J. D. Luce..... Urbana, O.  
G. W. Pratt..... Wauconda, Ill.  
“..... “

First and second premium to G. W. Pratt, Wauconda, Ill.  
Third premium to J. D. Luce, Urbana, O.

Black Games Hens.

(Not scored.)

J. D. Luce..... Urbana, O.  
“..... “  
“..... “  
G. W. Pratt..... Wauconda, Ill.

First, third, fourth and fifth premiums to J. D. Luce, Urbana, O.  
Second premium to G. W. Pratt, Wauconda, Ill.

Black Games Pullets.

(Not scored.)

J. D. Luce..... Urbana, O.  
“..... “  
G. W. Pratt..... Wauconda, Ill.  
“..... “

First and second premiums to G. W. Pratt, Wauconda, Ill.  
Third and fourth premiums to J. D. Luce, Urbana, O.

## LOT 78—GAME BANTAMS.

## Black Breasted Red Cocks.

Exhibitor.	Postoffice.	Score.
J. H. Johnson.....	Maywood, Ill.....	91 $\frac{1}{4}$
F. A. Schippel.....	Chicago, Ill.....	88 $\frac{1}{2}$
Average.....	.....	89 $\frac{3}{8}$

First premium to J. H. Johnson, Maywood, Ill.

Second premium to F. A. Schippel, Chicago, Ill.

## Black Breasted Red Cockerels.

R. M. Poucher.....	Chicago, Ill.....	95 $\frac{1}{2}$
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First premium awarded above exhibit.

## Black Breasted Red Hens.

J. H. Johnson.....	Maywood, Ill.....	89 $\frac{1}{2}$
“.....	“.....	89 $\frac{3}{4}$
“.....	“.....	95 $\frac{1}{2}$
“.....	“.....	91 $\frac{3}{4}$
“.....	“.....	93
F. A. Schippel.....	Chicago, Ill.....	91 $\frac{3}{4}$
Average.....	.....	92

First, second, fourth and fifth premiums to J. H. Johnson, Maywood, Ill.

Third premium, a tie between J. H. Johnson and F. A. Schippel.

## Black Breasted Red Pullets.

R. M. Poucher.....	Chicago, Ill.....	93
“.....	“.....	90
“.....	“.....	93
“.....	“.....	93
“.....	“.....	93
J. H. Johnson.....	Maywood, Ill.....	93 $\frac{1}{4}$
Average.....	.....	92 $\frac{1}{2}$

First premium to J. H. Johnson, Maywood, Ill.

Second, fourth and fifth premiums to R. M. Poucher, Chicago, Ill.

## Red Pile Cocks.

W. A. Bonar.....	Coon Island, Pa.....	90
F. A. Schippel.....	Chicago, Ill.....	85
Average.....	.....	87 $\frac{1}{2}$

First premium to W. A. Bonar, Coon Island, Pa.

Second premium to F. A. Schippel, Chicago, Ill.



## Red Pile Cockerels.

Exhibitor.	Postoffice.	Score.
F. A. Schippel.....	Chicago, Ill.....	86

Second premium to F. A. Schippel, Chicago, Ill., on above exhibit.

## Red Pile Hens.

F. A. Schippel.....	Chicago, Ill.....	88
“.....	“.....	94
Average.....	.....	91

First and third premiums to F. A. Schippel, Chicago, Ill., on above exhibit.

## Red Pile Pullets.]

W. A. Bonar.....	Coon Island, Pa.....	92
“.....	“.....	91½
F. A. Schippel.....	Chicago, Ill.....	88½
Average.....	.....	90⅔

First and second premiums to W. A. Bonar, Coon Island, Pa.

## LOT 79—BANTAMS OTHER THAN GAME.

## Golden Seabright Pullets.

F. A. Schippel.....	Chicago, Ill.....	83
“.....	“.....	84
Average.....	.....	83½

Third and fourth premiums to F. A. Schippel, Chicago, Ill.

## Cochin Bantam Cocks.

Woodward & Sewell.....	Evanston, Ill.....	90
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First premium to Woodward & Sewell, Evanston, Ill.

## Cochin Bantam Hens.

Woodward & Sewell.....	Evanston, Ill.....	91
“.....	“.....	93
“.....	“.....	94
Average.....	.....	92⅔

First and second premiums to Woodward & Sewell, Evanston, Ill.

## Cochin Bantam Pullets.

Exhibitor.	Postoffice.	Score.
Woodward & Sewell .....	Evanston, Ill. ....	94
“ .....	“ .....	92
Average .....	.....	93

First and second premiums to Woodward & Sewell, Evanston, Ill.

## Black African Bantam Cockerels.

R. M. Poucher. ....	Chicago, Ill. ....	95
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First premium to R. M. Poucher, Chicago, Ill.

## Black African Bantam Pullets.

R. M. Poucher .....	Chicago, Ill. ....	96
“ .....	“ .....	93½
“ .....	“ .....	95½
“ .....	“ .....	94½
“ .....	“ .....	95
Average .....	.....	95

First, second, third, fourth and fifth premiums to R. M. Poucher, Chicago, Ill.

## LOT 80—TURKEYS.

## Bronze Cocks.

W. H. Van Doren .....	Buckingham, Ill. ....	91½
“ .....	“ .....	91¼
E. P. McCracken .....	Paxton, Ill. ....	92½
G. F. Gast .....	Prospect, Ohio .....	93
Henry Davis .....	Dyer, Ind. ....	93¾
J. B. Foot .....	Norwood Park, Ill. ....	88
“ .....	“ .....	91¼
“ .....	“ .....	91½
A. W. Lehman .....	Neosha, Wis. ....	90½
“ .....	“ .....	89
Average .....	.....	91

First premium to Henry Davis, Dyer, Ind.

Second premium to Geo. F. Gast, Prospect, Ohio.

Third premium to E. P. McCracken, Paxton, Ill.

Fourth premium a tie between W. H. Van Doren and J. B. Foot.

Fifth premium a tie between W. H. Van Doren and J. B. Foot.



## Bronze Cockerels.

Exhibitor.	Postoffice.	Score.
W. H. Van Doren .....	Buckingham, Ill .....	88
A. F. Davis .....	Dyer, Ind. ....	90½
Chas. McClave .....	New London, Ohio .....	94¼
W. L. Wheaton .....	Wheaton, Ill .....	89
A. W. Lehman .....	Neosho, Wis. ....	91¾
Average .....	.....	90½

First premium to Chas. McClave, New London, Ohio.

Second premium to A. W. Lehman, Neosho, Wis.

Third premium to A. F. Davis, Dyer, Ind.

## Bronze Hens.

E. P. McCracken .....	Paxton, Ill .....	92¾
G. F. Gast .....	Prospect, Ohio .....	89
Henry Davis .....	Dyer, Ind. ....	93½
" .....	" .....	88
Average .....	.....	90¾

First premium to Henry Davis, Dyer, Ind.

Second premium to E. P. McCracken, Paxton, Ill.

Third premium to G. F. Gast, Prospect, Ohio.

Fourth premium to Henry Davis, Dyer, Ind.

## Bronze Pullets.

W. H. Van Doren .....	Buckingham, Ill .....	89
" .....	" .....	89¾
" .....	" .....	89¼
A. F. Davis .....	Dyer, Ind. ....	92½
Chas. McClave .....	New London, Ohio .....	95
W. L. Wheaton .....	Wheaton, Ill .....	88
" .....	" .....	88
" .....	" .....	89¼
A. W. Lehman .....	Neosho, Wis. ....	89½
" .....	" .....	89½
Average .....	.....	90

First premium to Chas. McClave, New London, Ohio.

Second premium to A. F. Davis, Dyer, Ind.

Third premium to W. H. Van Doren, Buckingham, Ill.

Fourth premium a tie between W. H. Van Doren and A. W. Lehman.

Fifth premium to W. H. Van Doren, Buckingham, Ill.

## White Turkey Cocks.

E. H. Bothwell .....	Buckley, Ill .....	85½
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Second premium to E. H. Bothwell, Buckley, Ill.

## White Turkey Cockerels.

Exhibitor.	Postoffice.	Score.
E. H. Bothwell .....	Buckley, Ill .....	92

First premium to E. H. Bothwell, Buckley, Ill

## White Turkey Hens.

E. H. Bothwell .....	Buckley, Ill .....	94
“ .....	“ .....	86
“ .....	“ .....	87
Average .....	.....	89

First, second and third premiums to E. H. Bothwell, Buckley, Ill.

## LOT 81—DUCKS AND GEESE.

## Pekin Ducks—Drake.

E. P. McCracken .....	Paxton, Ill .....	94½
Henry Davis .....	Dyer, Ind .....	92¾
A. F. Davis .....	“ .....	94¼
“ .....	“ .....	90
“ .....	“ .....	90
“ .....	“ .....	90
Average .....	.....	92

First premium to E. P. McCracken, Paxton, Ill.

Second, fourth and fifth premiums to A. F. Davis, Dyer, Ind.

Third premium to Henry Davis, Dyer, Ind.

## Duck.

A. F. Davis .....	Dyer, Ind .....	90
Henry Davis .....	“ .....	92½
Average .....	.....	91¼

First premium to Henry Davis, Dyer, Ind.

Second premium to A. F. Davis, Dyer, Ind.

## Rouen Ducks—Drake.

Henry Davis .....	Dyer, Ind .....	88¾
“ .....	“ .....	87
Average .....	.....	87¾

Second and third premiums to Henry Davis, Dyer, Ind.



## GEESE.

## Wild Ganders.

Exhibitor.	Postoffice.	Score.
E. P. McCracken.....	Paxton, Ill .....	95½

First premium to E. P. McCracken, Paxton, Ill.

## Wild Geese.

E. P. McCracken.....	Paxton, Ill.....	95½
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First premium to E. P. McCracken, Paxton, Ill.

## Toulouse Ganders.

Henry Davis .....	Dyer, Ind.....	94½
J. B. Foot.....	Norwood Park, Ill .....	92
“ .....	“ .....	93½
“ .....	“ .....	93
Charles McClave .....	New London, O.....	94
Henry Davis .....	Dyer, Ind.....	95
“ .....	“ .....	94
Average .....	.....	93¾

First premium, a tie between Charles McClave and Henry Davis.

Second and third premiums to Henry Davis, Dyer, Ind.

Fourth and fifth premiums to J. B. Foot, Norwood Park, Ill.

## Toulouse Geese.

Henry Davis .....	Dyer, Ind.....	93½
J. B. Foot.....	Norwood Park, Ill .....	96½
“ .....	“ .....	93½
“ .....	“ .....	94½
Charles McClave .....	New London, O.....	94½
Henry Davis .....	Dyer, Ind.....	94¼
“ .....	“ .....	93
“ .....	“ .....	95
Average .....	.....	94½

First premium, a tie between J. B. Foot and Charles McClave.

Second premium to Henry Davis, Dyer, Ind.

Third premium, a tie between J. B. Foot and Henry Davis.

Fourth premium, a tie between J. B. Foot and Henry Davis.

Fifth premium to Henry Davis, Dyer, Ind.

# LOT 84—NON-STANDARD.

## White Wyandotte Cocks.

(Not scored.)

F. M. Cory.....Shelbyville, Ind.  
 .....

First and second premiums to F. M. Cory, Shelbyville, Ind.

## White Wyandotte Cockerels.

(Not scored.)

E. H. Archibald.....Petersburg, Ind.  
 F. M. Clemmons.....Mechanicsburg, Ohio.  
 F. M. Cory.....Shelbyville, Ind.

First premium to F. M. Cory, Shelbyville, Ind.

Second premium to F. M. Clemmons, Mechanicsburg, Ohio.

Third premium to E. H. Archibald, Petersburg, Ind.

## White Wyandotte Hens.

(Not scored.)

F. M. Cory.....Shelbyville, Ind.  
 .....

First, second and third premiums to F. M. Cory, Shelbyville, Ind.

## White Wyandotte Pullets.

(Not scored.)

E. H. Archibald.....Petersburg, Ind.  
 .....

F. M. Clemmons.....Mechanicsburg, Ohio.  
 .....

F. M. Cory.....Shelbyville, Ind.  
 .....

First premium to F. M. Clemmons, Mechanicsburg, Ohio.

Second premium to F. M. Cory, Shelbyville, Ind.

Third premium to E. H. Archibald, Petersburg, Ind.

Fourth premium to F. M. Clemmons, Mechanicsburg, Ohio.

Fifth premium to F. M. Cory, Shelbyville, Ind.

## Black Wyandotte Cockerels.

(Not scored.)

F. M. Cory.....Shelbyville, Ind.

First premium to F. M. Cory, Shelbyville, Ind.

## Hens.

(Not scored.)

F. M. Cory.....Shelbyville, Ind.

First premium to F. M. Cory, Shelbyville, Ind.



## Pullet.

(Not scored.)

F. M. Cory.....Shelbyville, Ind.  
 "....."

First and second premiums to F. M. Cory, Shelbyville, Ind.

## White Plymouth Rock Cocks.

Exhibitor.	Postoffice.	Score.
Prickett & Knisely.....	Columbia City, Ind.....	85 $\frac{3}{4}$
S. M. Williams.....	Monroeville, Ind.....	88 $\frac{1}{2}$
".....	".....	90
".....	".....	92 $\frac{1}{2}$
".....	".....	87 $\frac{1}{4}$
O. O. Oldfather.....	Warsaw, Ind.....	84 $\frac{1}{2}$
Average.....	.....	88

First, second, third and fourth premiums to S. M. Williams, Monroeville, Ind.

Fifth premium to Prickett & Knisely, Columbia City, Ind.

## White Plymouth Rock Hens.

Prickett & Knisely.....	Columbia City, Ind.....	86 $\frac{1}{2}$
".....	".....	88 $\frac{1}{4}$
".....	".....	85 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	87
".....	".....	86 $\frac{3}{4}$
S. M. Williams.....	Monroeville, Ind.....	88
".....	".....	85 $\frac{1}{4}$
".....	".....	93 $\frac{1}{2}$
".....	".....	89
".....	".....	84 $\frac{1}{2}$
Average.....	.....	86 $\frac{3}{4}$

First and third premiums to S. M. Williams, Monroeville, Ind.

Second, fourth and fifth premiums to Prickett & Knisely, Columbia City, Ind.

## White Plymouth Rock Pullets.

Prickett & Knisley.....	Columbia City, Ind.....	94
".....	".....	92 $\frac{1}{2}$
".....	".....	89 $\frac{1}{2}$
".....	".....	92
".....	".....	93
".....	".....	92 $\frac{1}{2}$
".....	".....	92
".....	".....	92
".....	".....	92 $\frac{1}{2}$
".....	".....	91
".....	".....	92 $\frac{1}{2}$
Geo. P. Pitkin.....	Chicago, Ill.....	94
".....	".....	94 $\frac{1}{2}$
".....	".....	95 $\frac{1}{2}$
".....	".....	92 $\frac{1}{2}$
".....	".....	93 $\frac{1}{2}$
".....	".....	92 $\frac{1}{2}$
Average.....	.....	92 $\frac{3}{4}$

First, second, fourth and fifth premiums to Geo. T. Pitkin, Chicago, Ill.

Third premium to Prickett & Knisely, Columbia City, Ind.

## White Plymouth Rock Cockerels.

Exhibitors.	Postoffice.	Score.
Prickett & Knisely.....	Columbia City, Ind.....	89½
L. B. Anderson .....	Battle Creek, Mich .....	88½
Geo. T. Pitkin.....	Chicago, Ill.....	91½
“ .....	“ .....	92
“ .....	“ .....	91
“ .....	“ .....	91
“ .....	“ .....	94
G. F. Gast.....	Prospect, O.....	90
“ .....	“ .....	88
O. O. Oldfather .....	Warsaw, Ind .....	89½
Prickett & Knisely.....	Columbia, City, Ind.....	91½
“ .....	“ .....	88½
Average .....	.....	90½

First, second, fourth and fifth premiums to Geo. T. Pitkin, Chicago, Ill.

Third premium a tie between Prickett & Knisely and Geo. T. Pitkin.

## Golden Wyandotte Cocks.

F. C. Mansfield .....	Johnson's Creek, Wis.....	87
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Second premium to F. C. Mansfield, Johnson's Creek, Wis.

## Golden Wyandotte Cockerels.

F. C. Mansfield .....	Johnson's Creek, Wis.....	87½
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Second premium to F. C. Mansfield, Johnson's Creek, Wis.

## Golden Wyandotte Pullets.

F. C. Mansfield .....	Johnson's Creek, Wis .....	87
“ .....	“ .....	90
“ .....	“ .....	87½
“ .....	“ .....	89
“ .....	“ .....	90½
“ .....	“ .....	91½
“ .....	“ .....	89½
“ .....	“ .....	87
“ .....	“ .....	90½
“ .....	“ .....	89
Average .....	.....	89

First, second, third, fourth and fifth premiums to F. C. Mansfield, Johnson's Creek, Wis.

## Black Minorca Cocks.

(Not scored.)

John F. Tobin..... Rochester, N. Y.

First premium to John F. Tobin, Rochester, N. Y.



## Black Minorca Cockerels.

(Not scored.)

L. B. Anderson.....	Battle Creek, Mich.
“.....	“
Keenan & Pool.....	Upper Sandusky, O.
F. A. Mortimer.....	Pottsville, Pa.
John F. Tobin.....	Rochester, N. Y.
“.....	“
F. M. Munger.....	DeKalb, Ill.
“.....	“
“.....	“
“.....	“
“.....	“

First premium to F. A. Mortimer, Pottsville, Pa.

Second and fourth premiums to F. M. Munger, DeKalb, Ill.

Third premium to L. B. Anderson, Battle Creek, Mich.

Fifth premium John F. Tobin, Rochester, N. Y.

## Black Minorca Hens.

(Not scored.)

John F. Tobin.....	Rochester, N. Y.
“.....	“
“.....	“
“.....	“
“.....	“

First, second and third premiums to John F. Tobin, Rochester, N. Y.

## Black Minorca Pullets.

(Not scored.)

L. B. Anderson.....	Battle Creek, Mich.
“.....	“
“.....	“
“.....	“
“.....	“
Keenan & Pool.....	Upper Sandusky, O.
F. A. Mortimer.....	Pottsville, Pa.
“.....	“
“.....	“
“.....	“
John F. Tobin.....	Rochester, N. Y.
“.....	“
“.....	“
“.....	“
“.....	“
F. M. Munger.....	DeKalb, Ill.
“.....	“
“.....	“
“.....	“
“.....	“
“.....	“
“.....	“

First, second and third premium to F. A. Mortimer, Pottsville, Pa.

Fourth premium to L. B. Anderson, Battle Creek, Mich.

Fifth premium to F. M. Munger, DeKalb, Ill.

## White Minorca Cocks.

(Not scored.)

Keenan & Pool.....	Upper Sandusky, O.
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First premium to Keenan &amp; Pool, Upper Sandusky, O.

## White Minorca Cockerels.

(Not scored.)

Keenan & Pool.....	Upper Sandusky, O.
L. B. Anderson.....	Battle Creek, Mich.
F. A. Mortimer.....	Pottsville, Pa.

First premium to F. A. Mortimer, Pottsville, Pa.

Second and third premiums to L. B. Anderson, Battle Creek, Mich.

Fourth premium to Keenan &amp; Pool, Upper Sandusky, O.

## White Minorca Hens.

(Not scored.)

Keenan & Pool.....	Upper Sandusky, O.
L. B. Anderson.....	Battle Creek, Mich.

First and second premiums to Keenan &amp; Pool, Upper Sandusky, O.

## White Minorca Pullets.

(Not scored.)

Keenan & Pool.....	Upper Sandusky, O.
L. B. Anderson.....	Battle Creek, Mich.
“.....	“
“.....	“
“.....	“
“.....	“
F. A. Mortimer.....	Pottsville, Pa.
“.....	“
“.....	“
“.....	“
“.....	“

First and third premiums to L. B. Anderson, Battle Creek, Mich.

Second, fourth and fifth premiums to F. A. Mortimer, Pottsville, Pa.

## LOT 86—MISCELLANEOUS.

## Display of Poultry Yard Appliances.

F. M. Manger.....	DeKalb, Ill.
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First premium to F. M. Manger, DeKalb, Ill.

## LOT 87—DISPLAYS.

The largest number of Fowls, all varieties combined, shown by one exhibitor, scoring not less than 85 points each (not less than 25 specimens to so score).

Mrs. R. A. Judy.....	Edwardsville, Ill.
F. M. Manger.....	DeKalb, Ill.
Geo. T. Pitkin.....	Chicago, Ill.
E. F. Young.....	Decatur, Ill.
Ed. Barron.....	Donnellson, Ill.
Woodward & Sewell.....	Evanston, Ill.

First premium, \$50, to F. M. Manger, DeKalb, Ill.

Second premium, \$25, to Mrs. R. A. Judy, Edwardsville, Ill.

Largest number of specimens of the following varieties (either sex), shown by one exhibitor, scoring 90 or more points (not less than 5 specimens, except where otherwise noted):



## Light Brahmas.

Mrs. R. A. Judy.....	Edwardsville, Ill.
F. H. Shellabarger.....	Letts, Iowa.
Harding Bros.....	Ridgeville, Ill.
F. M. Munger.....	DeKalb, Ill.
W. H. Van Doren.....	Buckingham, Ill.
E. H. Upson.....	Wilmot, Ind.
C. B. Price.....	Grand Rapids, Mich.
Woodward & Sewell.....	Evanston, Ill.

Premium, \$10, to Mrs. R. A. Judy, Edwardsville, Ill.

## Display Dark Brahmas.

Theo. Worland.....	Chicago, Ill.
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Premium, \$10, to Theo. Worland, Chicago, Ill.

## Display Buff Cochins.

Prickett & Knisely.....	Columbia City, Ind.
Ed. Barron.....	Donnellson, Ill.
M. M. Conner.....	Ada, Ohio.

Premium, \$10, to Prickett & Knisely, Columbia City, Ind.

## Display Partridge Cochins.

Harding Bros.....	Ridgeville, Ill.
Geo. F. Swartfeger.....	Kankakee, Ill.
W. H. Cleve.....	Buckley, Ill.
Jas. Reed.....	Detroit, Mich.
C. B. Pearce.....	Grand Rapids, Mich.
P. W. Flanders.....	Elkhorn, Wis.

Premium, \$10, to C. B. Pearce, Grand Rapids, Mich.

## Display Black and White Cochins.

Ed. Barron.....	Donnellson, Ill.
C. B. Cage.....	Shelbyville, Ind.
C. H. Rhodes.....	Topeka, Kan.

Premium, \$10, to C. H. Rhodes, Topeka, Kan.

## Display Langshans.

C. C. Magoon.....	Washington Heights, Ill.
F. A. Mortimer.....	Pottsville, Pa.
Woodward & Sewell.....	Evanston, Ill.

Premium, \$10, to Woodward & Sewell, Evanston, Ill.

## Display of Plymouth Rocks.

F. H. Shellabarger.....	Letts, Iowa.
F. M. Munger.....	DeKalb, Ill.
O. O. Wilde.....	Hinsdale, Ill.
W. H. Van Doren.....	Buckingham, Ill.
L. A. Towne.....	Grand Rapids, Mich.
J. E. White.....	Chicago, Ill.

Premium, \$10, to F. M. Munger, DeKalb, Ill.

## Display of Wyandottes.

John Yorgey.....	Horicon, Wis.
F. M. Munger.....	DeKalb, Ill.
F. R. Hoover.....	Chenoa, Ill.
F. M. Cory.....	Shelbyville, Ind.
C. B. Cage.....	"
Chas. McClave.....	New London, Ohio.

Premium, \$10, to F. M. Cory, Shelbyville, Ind.

## Display Black Javas.

J. L. Sheldon.....	Central Village, Conn.
Henry Turck.....	Ellenwood Place, Ohio.
M. H. Little.....	Palatine, Ill.

Premium, \$5, to M. H. Little, Palatine, Ill.

## Display Single Comb Brown Leghorn.

R. E. Fitzgerald.....	Marion, Iowa.
F. M. Munger.....	DeKalb, Ill.
Ed. Barron.....	Donnellson, Ill.

Premium, \$10, to Ed. Barron, Donnellson, Ill.

## Display Single Comb White Leghorns.

F. M. Munger.....	DeKalb, Ill.
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Premium, \$10, to F. M. Munger, DeKalb, Ill.

## Display Rose Comb Brown Leghorns.

George T. Pitkin.....	Chicago, Ill.
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Premium, \$10, to George T. Pitkin, Chicago, Ill.

## Display Rose Comb White Leghorns.

George T. Pitkin.....	Chicago, Ill.
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Premium, \$10, to George T. Pitkin, Chicago, Ill.

## Display Gold and Silver Spangled Hamburgs.

Mrs. W. G. Robertson.....	Rockford, Ill.
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Premium, \$5, to Mrs. W. G. Robertson, Rockford, Ill.

## Display Gold and Silver Penciled Hamburgs.

J. H. Johnson.....	Chicago, Ill.
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Premium, \$5, to J. H. Johnson, Chicago, Ill.

## Display of White and White Crested Black Polish.

H. D. Woodcock.....	Bridgeport, Ohio.
W. A. Bonar.....	Coon Island, Pa.
John A. Berry.....	Houstonville, Pa.
Charles McClave.....	New London, Ohio.

Premium, \$5, to Charles McClave, New London, Ohio.

## Display Gold and Silver Polish.

Charles McClave.....	New London, Ohio.
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Premium, \$5, to Charles McClave, New London, Ohio.

## Display Black Breasted Red Game.

R. M. Poucher.....	Chicago, Ill.
E. F. Young.....	Decatur, Ill.

Premium, \$10, to E. F. Young, Decatur, Ill.

## Display Black Game.

James D. Luce.....	Urbana, Ohio.
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Premium, \$5, to James D. Luce, Urbana, Ohio.



## Display Dorkings.

Geo. Leigh & Co .....	Aurora, Ill.
F. A. Mortimer .....	Pottsville, Pa.

Premium, \$10, to George Leigh & Co., Aurora, Ill.

## Display Houdan, La Fleche and Creve Coeur.

Andrew Cook .....	Waukegan, Ill.
F. R. Hoover .....	Chenoa, Ill.
A. D. Olin .....	Streetsboro, Ohio.
Andrew Cook .....	Waukegan, Ill.

Premium, \$10, to Andrew Cook, Waukegan, Ill.

## Display Game Bantams.

Woodward & Sewell .....	Evanston, Ill.
R. M. Poucher .....	Chicago, Ill.

Premium, \$10, to R. M. Poucher, Chicago, Ill.

## Display Bantams.

Woodward & Sewell .....	Evanston, Ill.
R. M. Poucher .....	Chicago, Ill.

Premium, \$10, to R. M. Poucher, Chicago, Ill.

## Display Bronze Turkeys.

W. H. VanDoren .....	Buckingham, Ill.
W. L. Wheaton .....	Wheaton, Ill.

No premium awarded above display.

## Display Turkeys (Other than Bronze).

E. H. Bothwell .....	Buckley, Ill.
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No premium awarded.

## Display of Geese.

Henry Davis .....	Dyer, Ind.
J. B. Foot .....	Norwood Park, Ill.

Premium, \$10, to Henry Davis, Dyer, Ind.

## Display of Ducks.

Henry Davis .....	Dyer, Ind.
A. F. Davis .....	

Premium, \$10, to A. F. Davis, Dyer, Ind.

## Display of Pigeons.

F. A. Schippel .....	Chicago, Ill.
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Premium, \$10, to F. A. Schippel, Chicago.

## Trio of Capons.

Theo. Worland .....	Chicago, Ill.
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Premium, \$3, to Theo. Worland, Chicago, Ill.

## Display White Plymouth Rocks.

S. M. Williams.....	Monroeville, Ind.
G. F. Gast .....	Prospect, O.
L. B. Anderson.....	Battle Creek, Mich.
Prickett & Kinsey.....	Columbia City, Ind.
Geo. T. Pitkin.....	Chicago, Ill.
O. O. Oldfather.....	Warsaw, Ind.

Premium, \$5, to Geo. T. Pitkin, Chicago, Ill.

## Display White Wyandottes.

E. H. Archibald.....	Petersburg, Ind.
F. M. Clemmons.....	Mechanicsburg, O.
F. M. Cory.....	Shelbyville, Ind.

Premium, \$5, to F. M. Cory, Shelbyville, Ind.

## Display Golden Wyandottes.

F. C. Mansfield.....	Johnson's Creek, Mich.
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No premium awarded the above exhibit.

## Display Black Minorcas.

F. M. Munger (16 entries).....	DeKalb, Ill.
L. B. Anderson (3 entries).....	Battle Creek, Mich.
F. A. Mortimer (3 entries).....	Pottsville, Pa.

Premium, \$5, to F. A. Mortimer, Pottsville, Pa.

## Display White Minorcas.

Keenan & Pool.....	Upper Sandusky, O.
L. B. Anderson.....	Battle Creek, Mich.
".....	"
".....	"
F. A. Mortimer.....	Pottsville, Pa.
".....	"

Premium, \$5, to L. B. Anderson, Battle Creek, Mich.

## LOT 88—BREEDING PENS.

Best Breeding Pen, consisting of one male and five females, of the following named varieties.

## Pen Light Brahmas.

Mrs. R. A. Judy.....	Edwardsville, Ill.
Harding Bros.....	Ridgeville, Ill.
E. H. Upson.....	Wilmot, Ind.
".....	"
C. B. Pearce.....	Grand Rapids, Mich.
Woodward & Sewell.....	Evanston, Ill.
".....	"
J. B. Foot.....	Norwood Park, Ill.

First premium, \$10, to Woodward & Sewell, Evanston, Ill.

Second premium, \$5, to J. B. Foot, Norwood Park, Ill.

## Pen Dark Brahmas.

Ed Barron.....	Donnellson, Ill.
L. A. Byerly.....	Maryville, Mo.
Theo. Worland.....	Chicago, Ill.
".....	"
".....	"
".....	"
".....	"

First premium, \$10, and second premium, \$5, to Theo. Worland, Chicago, Ill.



## Pen Buff Cochins.

Prickett & Knisely .....	Columbia City, Ind.
Ed Barron .....	Donnellson, Ill.
J. B. Foot .....	Nerwood Park, Ill.
M. M. Conner .....	Ada, O.
" .....	"
" .....	"
F. E. Shield .....	Belleville, Ill.

First premium, \$10, to Prickett & Knisely, Columbia City, Ind.

Second premium, \$5, to Ed Barron, Donnellson, Ill.

## Pen Partridge Cochins.

Harding Bros. ....	Ridgeville, Ill.
George F. Swartfeger .....	Kankakee, Ill.
W. H. Cleve .....	Buckley, Ill.
" .....	"
James Reed .....	Detroit, Mich.
C. B. Pearce .....	Grand Rapids, Mich.
" .....	"
Henry Davis .....	Dyer, Ind.
P. W. Flanders .....	Elkhorn, Wis.
" .....	"
A. E. Stump .....	Bloomington, Ill.
H. C. Smith .....	Chicago, Ill.

First premium, \$10, and second premium, \$5, to C. B. Pearce, Grand Rapids, Mich.

## Pen Black Cochins.

C. H. Rhodes .....	Topeka, Kan.
Ed Barron .....	Donnellson, Ill.
W. H. Clark .....	Mechanicsburg, O.

First premium, \$5, to C. H. Rhodes, Topeka, Kan.

Second premium, \$3, to Ed Barron, Donnellson, Ill.

## Pen White Cochins.

C. B. Cage .....	Shelbyville, Ind.
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Premium, \$3, to C. B. Cage, Shelbyville, Ind.

## Pen Langshans.

C. C. Magoon .....	Washington Heights, Ill.
F. A. Mortimer .....	Pottsville, Pa.
E. F. Young .....	Decatur, Ill.
Woodward & Sewell .....	Evanston, Ill.
" .....	"
" .....	"

First premium, \$10, and second premium, \$5, to Woodward & Sewell, Evanston, Ill.

## Pen Plymouth Rocks.

F. A. Shellabarger .....	Letts, Ia.
F. M. Munger .....	DeKalb, Ill.
" .....	"
" .....	"
Otto O. Wilde .....	Hinsdale, Ill.
W. H. Van Doren .....	Buckingham, Ill.
" .....	"
Thomas McEwen .....	McConnell's Mills, Pa.
O. O. Oldfather .....	Warsaw, Ind.
L. A. Towne .....	Grand Rapids, Mich.
J. E. White .....	Chicago, Ill.
Henry Arnd .....	Odin, Ill.

First premium, \$10, to F. M. Munger, DeKalb, Ill.

Second premium, \$5, to J. E. White, Chicago, Ill.

## Pen of Wyandottes.

D. A. Stoner.....	Morocco, Ind.
E. P. McCracken .....	Paxton, Ill.
J. M. Yorgey.....	Horicon, Wis.
F. M. Munger.....	DeKalb, Ill.
Pricket & Knisely .....	Columbia City, Ind.
E. F. Young.....	Decatur, Ill.
F. R. Hoover.....	Chenoa, Ill.
F. M. Cory.....	Shelbyville, Ind.
J. B. Foot.....	Norwood Park, Ill.
C. B. Cage.....	Shelbyville, Ind.
Chas. McClave.....	New London, O.
S. H. Oberlin.....	Massilon, O.
Henry Arnd .....	Odin, Ill.

First premium \$10, to F. M. Munger, DeKalb, Ill.

Second premium, \$5, to F. M. Cory, Shelbyville, Ind.

## Pen Black Java.

Henry Turck.....	Ellenwood Place, O.
E. F. Young.....	Decatur, Ill.
J. L. Sheldon.....	Central Village, Conn.
N. T. Lattin.....	Gaines, N.Y.
M. H. Little.....	Palatine, Ill.

First premium. \$5, to J. L. Sheldon, Central Village, Conn.

Second premium, \$3, to M. H. Little, Palatine, Ill.

## Pen Single Comb Brown Leghorns.

R. E. Fitzgerald.....	Marion, Ia.
F. M. Munger .....	DeKalb, Ill.
" .....	"
Ed. Barron.....	Donnellson, Ill.
" .....	"
" .....	"
" .....	"

First premium, \$10, to F. M. Munger, DeKalb, Ill.

Second premium, \$5, to Ed. Barron, Donnellson, Ill.

## Pen Single Comb White Leghorns.

F. M. Munger.....	DeKalb, Ill.
" .....	"
C. E. Masters.....	Arlington Heights, Ill.

First premium, \$10, to F. M. Munger, DeKalb, Ill.

Second premium, \$5 to F. M. Munger, DeKalb, Ill.

## Pen Rose Comb Brown Leghorns.

Theo. Hughes.....	Trenton, Mo.
Geo. T. Pitkin.....	Chicago, Ill.
" .....	"

First premium, \$10, and second premium, \$5, to Geo. T. Pitkin, Chicago, Ill.

## Pen Rose Comb White Leghorns.

Geo. T. Pitkin.....	Chicago, Ill.
Fred Ingraham.....	Waukegan, Ill.

First premium, \$10, and second premium, \$5, to Geo. T. Pitkin, Chicago, Ill.



## Pen Silver or Gold Spangled Hamburgs.

J. L. Sheldon.....	Central Village, Conn.
Mrs. W. G. Robertson.....	Rockford, Ill.
E. F. Young.....	Decatur, Ill.
J. H. Johnson.....	Maywood, Ill.

First premium, \$3, to Mrs. W. G. Robertson, Rockford, Ill.

## Pen Silver or Gold Penciled Hamburgs.

J. H. Johnson.....	Maywood, Ill.
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First premium, \$5, to J. H. Johnson, Maywood, Ill.

## Pen of White or W. C. Black Polish.

H. D. Woodcock.....	Bridgeport, O.
W. A. Bonar.....	Coon Island, Pa.
Chas. McClave.....	New London, O.
John A. Berry.....	Houstonville, Pa.

First premium, \$5, to Chas. McClave, New London, O.

Second premium, \$3 to H. D. Woodcock, Bridgeport, O.

## Pen Gold or Silver Polish (Plain or Bearded).

Chas. McClave.....	New London, Ohio.
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First premium, \$5, to Chas. McClave, New London, Ohio.

## Pen Black Breasted Red Games.

E. F. Young.....	Decatur, Ill.
R. M. Poucher.....	Chicago, Ill.

First premium, \$10, to R. M. Poucher, Chicago, Ill.

Second premium, \$5, to E. F. Young, Decatur, Ill.

## Pen Pile Games.

R. M. Poucher.....	Chicago, Ill.
J. H. Johnson.....	Maywood, Ill.

First premium, \$10, to R. M. Poucher, Chicago, Ill.

Second premium, \$5, to J. H. Johnson, Maywood, Ill.

## Pen Duck Wing or Black Games.

Jas. D. Luce.....	Urbana, Ohio.
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First premium, \$5, to J. D. Luce, Urbana, Ohio.

## Pen Dorkings.

Geo. Leigh & Co.....	Aurora, Ill.
F. A. Mortimer.....	Pottsville, Pa.

First premium, \$5, to F. A. Mortimer, Pottsville, Pa.

Second premium, \$3, to Geo. Leigh & Co., Aurora, Ill.

## Pen Houdans,

Andrew Cook.....	Waukegan, Ill.
F. R. Hoover.....	Chenoa, Ill.
A. D. Olin.....	Streetsboro, Ohio.
".....	"
".....	"

First premium, \$5, to F. R. Hoover, Chenoa, Ill.

Second premium, \$3, to Andrew Cook, Waukegan, Ill.

## LOT 89—INCUBATORS.

Incubator hatching the largest per cent. of Chicks from not less than 100 eggs (not less than 40 per cent. of eggs to be hatched to entitle the exhibitor to a premium).

Frank Sanuding.....	Springfield, Ohio.
S. W. Guthrie.....	Homer City, Pa.
H. W. Axford.....	Chicago, Ill.
Prairie State In. Co.....	Homer City, Pa.

First premium, \$100, and second premium, \$50, to S. W. Guthrie, Homer City, Pa.

## LOT 90—POULTRY YARD APPLIANCES.

### Brooder.

F. M. Munger.....	DeKalb, Ill.
S. W. Guthrie.....	Homer City, Pa.
H. W. Axford.....	Chicago, Ill.
Prairie State In. Co.....	Homer City, Pa.

Premium, \$10, to H. W. Axford, Chicago, Ill.

### Display of Poultry Supplies.

P. H. Sprague.....	Chicago, Ill.
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Premium, \$10, to P. H. Sprague, Chicago, Ill.

### Package of Eggs.

F. M. Munger.....	DeKalb, Ill.
Geo. T. Pitkin.....	Chicago, Ill.
Prickett & Knisely.....	Columbia City, Ind.
Chas. McClave.....	New London, Ohio.
Alfred Doyle.....	Blue Island, Ill.
Harding Bros.....	Ridgeville, Ill.

Premium, \$2, to Prickett & Knisely, Columbia City, Ind.

### Shipping Coop.

F. M. Munger.....	DeKalb, Ill.
W. A. Merritt.....	Charlotte, Mich.
George T. Pitkin.....	Chicago, Ill.
J. K. Bower.....	Waukegan, Ill.

Premium, \$2, to Geo. T. Pitkin, Chicago, Ill.

### Brood Coop.

John A. Jackson.....	Winnebago, Ill.
Harding Bros.....	Ridgeville, Ill.

Premium, \$2, to John A. Jackson, Winnebago, Ill.

### Exhibition Coop.

F. M. Munger.....	DeKalb, Ill.
W. A. Merritt.....	Charlotte, Mich.
F. C. Mansfield.....	Johnson's Creek, Wis.
O. O. Wilde.....	Hinsdale, Ill.
J. K. Bower.....	Waukegan, Ill.
W. B. Reynolds.....	Rockford, Ill.
C. B. Cage.....	Shelbyville, Ind.
F. H. Shellabarger.....	Letts, Iowa.
Alfred Doyle.....	Chicago, Ill.

Premium, \$2, to C. B. Cage, Shelbyville, Ind.



## Marker.

F. M. Munger.....DeKalb, Ill.

No premium awarded.

## LOT 91—EGGS.

## Asiatic.

Woodward & Sewell .....Evanston, Ill.  
 Chas. McClave .....New London, Ohio.  
 A. F. Davis. ....Dyer, Ind.

First premium, \$3, to A. F. Davis, Dyer, Ind.

Second premium, \$2, to Woodward & Sewell, Evanston, Ill.

## American.

F. M. Munger.....DeKalb, Ill.  
 "....."  
 Harding Bros .....Ridgeville, Ill.  
 Wm. Moffatt & Bro.....Paw Paw, Ill.  
 S. M. Williams.....Monroeville, Ind.  
 Henry Davis .....Dyer, Ind.

First premium, \$3, to Wm. Moffatt & Bro., Paw Paw, Ill.

Second premium, \$2, to F. M. Munger, DeKalb, Ill.

## Other Varieties.

F. M. Munger.....DeKalb, Ill.  
 "....."  
 S. M. Williams.....Monroeville, Ind.  
 Keenan & Pool.....Upper Sandusky, Ohio.  
 Mrs. W. G. Robertson.....Rockford, Ill.  
 Geo. T. Pitkin.....Chicago, Ill.  
 A. F. Davis. ....Dyer, Ind.

First premium, \$3, to A. F. Davis, Dyer, Ind.

Second premium, \$2, to F. M. Munger, DeKalb, Ill.

## CLASS N—DAIRY.

E. E. CHESTER, *Superintendent.*

## LOT 92—ILLINOIS.

## Dairy Butter.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
Mrs. C. Harding.....	Ridgeville, Ill.....	21	20	7	7½	55½
Richard Hawkey.....	Harlem, Ill.....	40	26	11½	9	86½
W. R. Hostetter.....	Mt. Carroll, Ill.....	34	25	9	7½	75½
Richard Hawkey.....	Harlem, Ill.....	26½	20	10	7½	64
R. H. Mead.....	Galva, Ill.....	32½	25	10	7	74½
D. A. Bliss.....	Genoa, Ill.....	33½	24	9½	8	75
Average.....	.....	31	23⅓	9⅓	7⅔	72

First premium to Richard Hawkey, Harlem, Ill.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 60
Total .....	\$12 60

Second premium to W. R. Hostetter, Mt. Carroll, Ill.—

Illinois State Board of Agriculture.....	5 00
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## Creamery Butter—Whole Milk.

P. O. Hallbeck .....	West Salem, Ill.....	30	20	11	8	69
“ .....	“ .....	33	25	13	7½	78½
Thayer Refrigerator Co.....	Chicago, Ill. ....	40	26½	11½	8½	86½
D. W. Wilson. ....	Elgin, Ill.....	30	21	12½	7½	71
Aurora Creamery Co.....	Aurora, Ill.....	39	25½	13½	8½	86½
Jefferson Colvin .....	Kingston, Ill.....	30	18	9	7½	64½
Average.....	.....	34	23	12	8	76



## First premium to Aurora Creamery Co., Aurora, Ill.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	5 00
Total .....	\$15 00

## Second premium to P. O. Hallbeck, West Salem, Ill.—

Illinois State Board of Agriculture.....	5 00
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## Creamery Butter—Gathered Cream.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
L. McDonough .....	Davis Junction, Ill.....	38	26½	11½	8½	84½
Aurora Creamery Co .....	Aurora, Ill .....	32	24½	12	7½	76
Average .....	.....	35	25½	11¾	8	80¼

## First premium to L. McDonough, Davis Junction, Ill.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	5 00
Total .....	\$15 00

## Second premium to Aurora Creamery Co., Aurora, Ill.—

Illinois State Board of Agriculture.....	5 00
--	------

## LOT 93—INDIANA.

## Dairy Butter.

Geo. F. Davis & Co.....	Dyer, Ind.....	26½	24	9	8	67½
H. C. Beckman.....	Brunswick, Ind. ....	36½	26	13	8½	84
Average. ....	.....	31½	25	11	8¼	75¾

## First premium to H. C. Beckman, Brunswick, Ind.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 60
Total .....	\$12 60

## Second premium to Geo. F. Davis &amp; Co., Dyer, Ind.—

Illinois State Board of Agriculture.....	5 00
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## LOT 94—IOWA.

## Dairy Butter.

Exhibitor.	Postoffice.	Flavor.....	Cream.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
A. M. Bingham.....	Jesup, Ia.....	30	25½	12	8	75½
P. L. Yonker.....	Hampton, Ia.....	37	27	13½	9	86½
Thos. B. Wales.....	Iowa City, Ia.....	29½	21½	12	8	71
“.....	“.....	40	24	13	8	85
C. W. Mead & Co.....	Manchester, Ia.....	31	25	12	8	76
“.....	“.....	31	20	11	7	69
D. C. Yonker.....	Hampton, Ia.....	19	20	9	7	55
S. C. Seamon.....	Clinton, Ia.....	33½	23½	11½	7½	76
Average.....	.....	31½	23¼	11¾	7¾	74¼

First premium to P. L. Yonker, Hampton, Ia.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 60
Holstein-Friesian Association of America.....	10 00
Total.....	\$22 60

Second premium to Thos. B. Wales, Iowa City, Ia.—

Illinois State Board of Agriculture.....	\$5 00
Holstein-Friesian Association of America.....	5 00
Total.....	\$10 00

## LOT 95—MICHIGAN.

## Dairy Butter.

Ogden Cole.....	Addison, Mich.....	30	19	12½	6¼	68
“.....	“.....	32	22	13½	8	75½
Average.....	.....	31	20½	13	7¼	71¾

First premium to Ogden Cole, Addison, Mich.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 60
Total.....	\$12 60

Second premium to Ogden Cole, Addison, Mich.—

Illinois State Board of Agriculture.....	\$5 00
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## Creamery Butter—Gathered Cream.

Peerless Creamery Co.....	Romeo, Mich.....	30	23½	12½	7½	73½
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First premium to Peerless Creamery Co., Romeo, Mich.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	5 00
Total .....	\$15 00

## LOT 96—MINNESOTA.

### Dairy Butter.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
F. D. Holmes .....	Owatonna, Minn .....	30	23	11	8	72
“ .....	“ .....	35½	26	11	8½	81
Average .....	.....	32¾	24½	11	8¼	76½

First premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 60
Total .....	\$12 60

Second premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	\$5 00
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### Creamery Butter—Whole Milk.

A. F. Jones.....	Clear Lake, Minn .....	40	26½	12	9	87½
F. D. Holmes.....	Owatonna, Minn .....	37½	26	13½	9	86
Average .....	.....	39	26¼	12¾	9	86¾

First premium to A. F. Jones, Clear Lake, Minn.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	5 00
Total .....	\$15 00

Second premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	\$5 00
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### Creamery Butter—Gathered Cream.

F. D. Holmes.....	Owatonna, Minn .....	37	26½	14	9	86½
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First premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	5 00
Total .....	\$15 00

## LOT 97—WISCONSIN BUTTER.

Creamery Butter—Gathered Cream.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
Raines' Creamery .....	Racine, Wis .....	31	21½	11½	8	72
Thayer Refrigerator Co.....	Chicago, Ill .....	37	26½	14	9	86½
Average .....	.....	34	24	12¾	8½	79¾

First premium to Thayer Refrigerator Co., Chicago, Ill.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	5 00
Total .....	\$15 00

Second premium to Racine Creamery, Racine, Wis.—

Illinois State Board of Agriculture.....	\$5 00
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## LOT 98—CANADA AND OTHER STATES NOT NAMED.

Dairy Butter.

N. L. Smith .....	Lindenville, O .....	30	25½	12	8	75½
.....	.....	31½	26½	12½	8½	79
Average .....	.....	30¾	26	12¼	8¼	77¼

First premium to N. L. Smith, Lindenville, O.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 60
Total .....	\$12 60

Second premium to N. L. Smith, Lindenville, O.—

Illinois State Board of Agriculture.....	5 00
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Creamery Butter—Gathered Cream.

Adams & Sons .....	Chillicothe, Mo .....	39	27	14	9	89
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First premium to Adams &amp; Sons, Chillicothe, Mo.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	5 00
Total .....	\$15 00



## LOT 99—SWEEPSTAKES.

## Dairy Butter.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
W. R. Hostetter .....	Mt. Carroll, Ill.....	34	25	9	7½	75½
H. C. Beckman.....	Brunswick, Ind.....	36½	26	13	8½	84
P. L. Yonker .....	Hampton, Ia.....	37	27	13½	9	86½
Ogden Cole .....	Addison, Mich.....	32	22	13½	8	75½
F. D. Holmes.....	Owatonna, Minn.....	35½	26	11	8½	81
N. L. Smith.....	Lindenville, O.....	31½	26½	12½	8½	79
Average .....	.....	34	25½	12	8½	80

## Premium to P. L. Yonker, Hampton, Ia.—

Illinois State Board of Agriculture.....	\$25 00
A. H. Blackall & Son.....	15 00
Vermont Farm Machine Co.....	8 00
Chr. Hansen's Laboratory.....	2 00
Goulds & Austin .....	90 00

Total ..... \$140 00

## Creamery Butter—Whole Milk.

Aurora Creamery Co.....	Aurora, Ill.....	39	25½	13½	8½	86½
A. F. Jones.....	Clear Lake, Minn.....	40	26½	12	9	87½
Average .....	.....	39½	26	12¾	8¾	87

## Premium to A. F. Jones, Clear Lake, Minn.—

Illinois State Board of Agriculture.....	\$25 00
The Creamery Package Manufacturing Co.....	45 00

Total ..... \$70 00

## Creamery Butter—Gathered Cream.

L. McDonough.....	Davis Junction, Ill....	38	26½	11½	8½	84½
Peerless Creamery Co.....	Romeo, Mich.....	30	23½	12½	7½	73½
F. D. Holmes.....	Owatonna, Minn.....	37	26½	14	9	86½
Racine Creamery.....	Racine, Wis.....	31	21½	11½	8	72
Adams & Sons.....	Chillicothe, Mo.....	39	27	14	9	89
Thayer Refrigerator Co.....	Chicago, Ill.....	37	26½	14	9	86½
Average .....	.....	35½	25½	13	8½	82

## Premium to Adams &amp; Sons, Chillicothe, Mo.—

Illinois State Board of Agriculture.....	\$25 00
Chr. Hansen's Laboratory.....	13 25

Total ..... \$38 25

# LOT 100—GRAND SWEEPSTAKES.

Best Butter in the Show.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
Adams & Sons.....	Chillicothe, Mo.....	39	27	14	9	89
A. F. Jones.....	Clear Lake, Minn.....	40	26½	12	9	87½
P. L. Youker.....	Hampton, Ia.....	37	27	13½	9	86½
Average .....	.....	39	27	13	9	88

Premium to Adams & Sons, Chillicothe, Mo.—

Illinois State Board of Agriculture.....	\$50 00
E. W. Blatchford & Co.....	7 75
Belle City Manufacturing Co.....	35 00
R. B. Crouch & Co.....	5 00
Borden, Selleck & Co.....	26 00

Total ..... \$123 75

# LOT 101—PRINT BUTTER.

Illinois Butter.

Richard Hawkey.....	Harlem, Ill.....	36	25½	13	8½	82½
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First premium to Richard Hawkey, Harlem, Ill.—

Illinois State Board of Agriculture.....	\$6 00
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Indiana Butter.

Geo. F. Davis & Co.....	Dyer, Ind.....	31	25½	12	8½	77
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First premium to Geo. Davis & Co., Dyer, Ind.—

Illinois State Board of Agriculture.....	\$6 00
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Iowa Butter.

A. M. Bingham.....	Jesup, Ia.....	38	27	13	9	87
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First premium to A. M. Bingham, Jesup, Ia.—

Illinois State Board of Agriculture.....	\$6 00
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Minnesota Butter.

F. D. Holmes .....	Owatonna, Minn .....	37	27	14	9	87
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First premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	\$6 00
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Canada or some State not named.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
N. L. Smith. ....	Lindenville, O. ....	31½	24	12½	8½	76½

First premium to N. L. Smith, Lindenville, Ohio—

Illinois State Board of Agriculture..... \$6 00

## LOT 102—SWEEPSTAKES.

Richard Hawkey .....	Harlem, Ill.....	36	25½	13	8	82½
Geo. F. Davis & Co.....	Dyer, Ind.....	31	25½	12	8½	77
A. M. Bingham.....	Jesup, Ia.....	38	27	13	9	87
F. D. Holmes.....	Owatonna, Minn.....	37	27	14	9	87
N. L. Smith. ....	Lindenville, O.....	31½	24	12½	8½	76½
Average. ....	.....	35	26	13	9	82

Premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture..... \$15 00

W. R. Fowler..... 36 00

Vermont Farm Machine Co. .... 8 00

Total ..... \$59 00

## LOT 103—BUTTER FROM THE MILK OF ONE RECORDED COW OF EACH OF THE FOLLOWING BREEDS OF CATTLE.

Jersey Butter.

N. L. Smith. ....	Lindenville, O.....	29	24½	12	8	73½
H. C. Beckman.....	Brunswick, Ind.....	34½	27½	11½	8½	82
Average. ....	.....	31¾	26	11¾	8¼	76¾

First premium to H. C. Beckman, Brunswick, Ind.—

Illinois State Board of Agriculture..... \$6 00

Second premium to N. L. Smith, Lindenville, O.—

Illinois State Board of Agriculture. . . . . 3 00

Holstein-Friesian Butter.

Thos. B. Wales.....	Iowa City, Ia.....	31	23½	13	8	75½
“ .....	“ .....	40	27	14	8½	89½
Average. ....	.....	35½	2½	13½	8¼	82½

First premium to Thos. B. Wales, Iowa City, Ia.

Illinois State Board of Agriculture.....	\$6 00
Holstein-Friesian Association of America.....	6 00
Total .....	\$12 00

Second premium to Thos. B. Wales, Iowa City, Ia.—

Illinois State Board of Agriculture.....	\$3 00
Holstein-Friesian Association of America.....	3 00
Total .....	\$6 00

#### Devon Butter.

Exhibitor.	Postoffice.	Flavor. ....	Grain.....	Color.....	Salting .....	Total.....
		45	30	15	10	100
J. W. Morse & Son .....	Verona, Wis.....	34½	26	13	7½	81

First premium to J. W. Morse & Son, Verona, Wis.—

Illinois State Board of Agriculture.....	\$6 00
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#### Short-Horn Butter.

Wm. Moffatt & Bro. ....	Paw Paw, Ill .....	25	25½	13	8	7½
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First premium to Wm. Moffatt & Bro., Paw Paw, Ill.—

Illinois State Board of Agriculture.....	\$6 00
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#### Butter from Unrecorded, Grade or Cross-Bred Cow.

P. L. Yonker.....	Hampton, Ia. ....	28½	25	13	8	74½
“ .....	“ .....	32½	27	11	8½	79
“ .....	“ .....	36	28	13	8½	85½
F. D. Holmes.....	Owatonna, Minn.....	33½	24½	12½	8½	79
N. L. Smith. ....	Lindenville, O. ....	27	22½	12	7	68½
Richard Hawkey .....	Harlem, Ill .....	34½	24½	12½	8	79½
H. C. Beckman.....	Brunswick, Ind.....	34½	25½	12	8	80
Geo. F. Davis & Co.....	Dyer, Ind .....	37½	26½	12½	8½	85
Average. ....	.....	33	25	12¼	8	79

First premium to P. L. Yonker, Hampton, Ia.—

Illinois State Board of Agriculture.....	\$6 00
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Second premium to Geo. F. Davis & Co., Dyer, Ind.—

Illinois State Board of Agriculture.....	3 00
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## LOT 104—SWEEPSTAKES.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
H. C. Beckman.....	Brunswick, Ind.....	34½	27½	11½	8½	82
Thomas B. Wales.....	Iowa City, Ia.....	40	27	14	8½	89½
J. W. Morse & Son.....	Verona, Wis.....	34½	26	13	7½	81
Wm. Moffatt & Bro. ....	Paw Paw, Ill.....	25	25½	13	8	71½
P. L. Yonker.....	Hampton, Ia.....	36	28	13	8½	85½
Average.....		34	27	13	8	82

Premium to Thos. B. Wales, Iowa City, Ia.—

Illinois State Board of Agriculture.....	\$15 00
Holstein-Friesian Association of America.....	15 00
W. R. Fowler.....	44 00
Warsaw Salt Co.....	7 50
Total .....	\$81 50

## LOT 105—MISCELLANEOUS.

## Display of Fancy Prints.

A. M. Bingham.....	Jesup, Ia.....	24½	22½	12	8	67
F. D. Holmes.....	Owatonna, Minn.....	34	26	14	8½	82½
N. L. Smith.....	Lindenville, O.....	25½	24	12½	8	70
Average.....		28	24	13	8	73

First premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	\$10 00
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Second premium to N. L. Smith, Lindenville, O.—

Illinois State Board of Agriculture.....	5 00
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## Novel design made of Butter.

F. D. Holmes.....	Owatonna, Minn.....					
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First premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	\$20 00
Warsaw Salt Co.....	10 00
Total .....	\$30 00

## Butter made in the Building.

R. Lespinasse.....	Chicago, Ill.....	34	24½	11½	7¾	77¾
Thayer Refrigerator Mfg. Co.....	".....	30	23½	12¼	6¾	72
Average.....		32	24	12	7	75

First premium to R. Lespiuasse, Chicago, Ill.—

Illinois State Board of Agriculture..... \$10 00

Second premium to Thayer Refrigerator Mfg. Co., Chicago, Ill.—

Illinois State Board of Agriculture..... 5 00

Granulated Butter.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Total.....
		45	30	15	10	100
A. M. Bingham.....	Jesup, Ia.....	.....	.....	.....	.....	.....
P. O. Hallbeck.....	West Salem, Ill.....	.....	.....	.....	.....	.....
F. D. Holmes.....	Owatonna, Minn.....	.....	.....	.....	.....	.....
N. L. Smith.....	Lindenville, O.....	.....	.....	.....	.....	.....
H. C. Beckman.....	Brunswick, Ind.....	.....	.....	.....	.....	.....
“.....	“.....	.....	.....	.....	.....	.....

First premium to N. L. Smith, Lindenville, O.—

Illinois State Board of Agriculture..... \$10 00

Second premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture..... 5 00

## CHEESE.

### LOT 106—ILLINOIS CHEESE.

Cheddar Cheese.

Exhibitor.	Postoffice.	Flavor.....	Quality.....	Texture....	Color.....	Salting.....	Total.....
		30	30	20	10	10	100
P. O. Hallbeck.....	West Salem, Ill.....	24	25	16	8	8	81
“.....	“.....	26	27	17	8	8	86
Average.....	.....	25	26	16½	8	8	83½

First premium to P. O. Hallbeck, West Salem, Ill.

Illinois State Board of Agriculture..... \$10 00

Warsaw Salt Co..... 2 50

Total..... \$12 50

Second premium to P. O. Hallbeck, West Salem, Ill.

Illinois State Board of Agriculture..... 5 00



## Flat Cheese.

Exhibitor.	Postoffice.	Flavor.....	Quality.....	Texture....	Color.....	Salting.....	Total.....
		30	30	20	10	10	100
P. O. Hallbeck .....	West Salem, Ill.....	27½	27	17	9	8½	89
" .....	" .....	25½	25	17	8½	8½	84½
Average .....	.....	26½	26	17	8½	8½	86¾

First premium to P. O. Hallbeck, West Salem, Ill.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total .....	\$12 50.

Second premium to P. O. Hallbeck, West Salem, Ill.—

Illinois State Board of Agriculture .....	5 00
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## Young America Cheese.

P. O. Hallbeck.....	West Salem, Ill.....	26½	26	16½	8	8½	85½
" .....	" .....	27½	26	16½	8	8	87
Average .....	.....	27	26	16½	8	8¼	86¼

First premium to P. O. Hallbeck, West Salem, Ill.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total .....	\$12 50

Second premium to P. O. Hallbeck, West Salem, Ill.—

Illinois State Board of Agriculture.....	5 00
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## Full Cream Cheese.

P. O. Hallbeck.....	West Salem, Ill .....	25	25	16	8	8	82
" .....	" .....	26	25	15	8	8	82
Average .....	.....	25½	25	15½	8	8	82

First premium to P. O. Hallbeck, West Salem, Ill.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co .....	2 50
Total .....	\$12 50

Second premium to P. O. Hallbeck, West Salem, Ill.—

Illinois State Board of Agriculture.....	5 00
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## LOT 107—INDIANA.

(No entries.)

## LOT 108—IOWA.

Cheddar Cheese.

Exhibitor.	Postoffice.	Flavor .....	Quality .....	Texture ....	Color .....	Saltin <sup>g</sup> .....	Total .....
		30	30	20	10	10	100
J. E. Neeley.....	Grinnell, Iowa.....	22	20	15	8½	7½	73

First premium to J. E. Neeley, Grinnell, Iowa.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co .....	2 50
Total .....	\$12 50

Flat Cheese.

J. E. Neeley .....	Grinnell, Iowa.....	26½	25½	16	8½	8	84½
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First premium to J. E. Neeley, Grinnell, Iowa.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co .....	2 50
Total .....	\$12 50

Young America Cheese.

J. E. Neeley .....	Grinnell, Iowa.....	27½	27½	17	8½	8½	89
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First premium to J. E. Neeley, Grinnell, Iowa.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co .....	2 50
Total .....	\$12 50

Full Cream Cheese.

A. M. Bingham.....	Jesup, Iowa .....	15	15	10	4½	8	52½
J. E. Neeley .....	Grinnell, Iowa.....	27	27	16½	8	8	86½
Average .....	.....	21	21	13¾	6¼	8	69½

First premium to J. E. Neeley, Grinnell, Iowa.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co .....	2 50
Total .....	\$12 50

Second premium to A. M. Bingham, Jesup, Iowa.—

Illinois State Board of Agriculture.....	5 00
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## LOT 109—MICHIGAN.

(No entries.)

## LOT 110—MINNESOTA.

Cheddar Cheese.

Exhibitor.	Postoffice.	Flavor.....	Quality.....	Texture...	Color.....	Salting.....	Total.....
		30	30	20	10	10	100
A. F. Jones.....	Clear Lake, Minn.....	25½	25½	15½	7	7½	81
F. D. Holmes.....	Owatonna, Minn.....	14½	14½	10	8	8	55
A. F. Jones.....	Clear Lake, Minn.....	28	27½	17½	7½	8½	89
".....	".....	25½	25½	16	7½	8	82½
Average.....	.....	23½	23¼	15	7½	8	77

First premium to A. F. Jones, Clear Lake, Minn.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total.....	\$12 50

Second premium to A. F. Jones, Clear Lake, Minn.—

Illinois State Board of Agriculture.....	5 00
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Flat Cheese.

A. F. Jones.....	Clear Lake, Minn.....	26½	25½	14	7½	8	81½
F. D. Holmes.....	Owatonna, Minn.....	24	24	16	7	8	79
".....	".....	28	28	18	9	9	92
Average.....	.....	26	26	16	8	8½	84

First premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total.....	\$12 50

Second premium to A. F. Jones, Clear Lake, Minn.—

Illinois State Board of Agriculture.....	5 00
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Young America Cheese.

A. F. Jones.....	Clear Lake, Minn.....	25	25	16	7½	8½	82
F. D. Holmes.....	Owatonna, Minn.....	22½	21½	15	6½	8	73½
Average.....	.....	23¾	23¼	15½	7	8¼	77¾

First premium to A. F. Jones, Clear Lake, Minn.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co .....	2 50
Total .....	\$12 50

Second premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	5 00
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#### Full Cream Cheese.

Exhibitor.	Postoffice.	Flavor.....	Quality.....	Texture.....	Color.....	Salting.....	Total.....
		30	30	20	10	10	100
A. F. Jones.....	Clear Lake, Minn.....	15	15	10	5½	6½	52
".....	".....	25	24½	15½	7	8	80
F. D. Holmes.....	Owatonna, Minn.....	21	21	16	7	8	73
Average .....	.....	20	20	14	6½	7½	69

First premium to A. F. Jones, Clear Lake, Minn.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total .....	\$12 50

Second premium to F. D. Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture.....	5 00
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### LOT 111—WISCONSIN.

#### Cheddar Cheese.

H. Z. Fish.....	Richland Centre, Wis...	28	28	18½	9	9	94½
F. E. Carswell.....	Lone Rock, Wis .....	29	28½	19	9	9	94
E. B. Parsons .....	Rosendale, Wis. ....	27	27	17	8½	8	87½
H. Z. Fish.....	Richland Center, Wis...	29	29	19	10	9	96
".....	".....	27	26½	17½	8½	8½	88
Average .....	.....	28	28	18	9	9	92

First premium to H. Z. Fish, Richland Center, Wis.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total .....	\$12 50

Second premium to H. Z. Fish, Richland Center, Wis.—

Illinois State Board of Agriculture.....	5 00
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## Flat Cheese.

Exhibitor.	Postoffice.	Flavor.....	Quality.....	Texture....	Color.....	Salting.....	Total.....
		30	30	20	10	10	100
H. Z. Fish.....	Richland Center, Wis...	26½	26	17	8½	8½	86½
F. E. Carswell.....	Lone Rock, Wis.....	28	23	18	9	9	92
E. B. Parsons .....	Rosendale, Wis.....	25	24½	15	7½	8	80
" .....	" .....	24½	24	15	8	8	79½
H. Z. Fish.. .....	Richland Center, Wis...	24½	24½	15½	8½	8	81
Average .....	.....	26	25	16	8	8	84

First premium to F. E. Carswell, Lone Rock, Wis.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total .....	\$12 50

Second premium to H. Z. Fish, Richland Center, Wis.—

Illinois State Board of Agriculture.....	5 00
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## Young America Cheese.

H. Z. Fish.....	Richland Center, Wis...	27½	27½	18	9	8½	90½
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First premium to H. Z. Fish, Richland Center, Wis.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total .....	\$12 50

## LOT 112—CANADA OR ANY OTHER STATE NOT NAMED.

## Cheddar Cheese.

E. A. Fobes.....	Lindenville, O .....	19	19	16½	7½	7½	69½
" .....	" .....	22	21	15½	7½	7½	73½
H. W. Durkee .....	Milburn, O.....	23½	22	14½	8	8	76
" .....	" .....	25	23½	16	8	8	80½
Average .....	.....	22½	21	16	8	8	75

First premium to H. W. Durkee, Milburn, O.—

Illinois State Board of Agriculture.....	\$25 00
Wareaw Salt Co.....	2 50
Total .....	\$12 50

Second premium to H. W. Darkee, Milburn, O.—

Illinois State Board of Agriculture.....	5 00
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## Flat Cheese.

Exhibitor.	Postoffice.	Flavor.....	Quality.....	Texture....	Color.....	Saltng. ....	Total .....
		30	30	20	10	10	100
E. A. Fobes.....	Lindenville, O.....	23½	23	15½	7½	7½	77
“.....	“.....	25½	25½	17	8	8	84
H. W. Durkee.....	Milburn, O.....	25	25	16	8	7½	81½
“.....	“.....	23	21½	14½	7½	7	73½
Average .....	.....	24	24	16	8	7½	79

First premium to E. A. Fobes, Lindenville, O.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co.....	2 50
Total .....	\$12 50

Second premium to H. W. Durkee, Milburn, O.—

Illinois State Board of Agriculture.....	5 00
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## Young America Cheese.

E. A. Fobes. ....	Lindenville, O .....	25½	20	15	7½	8	76
“.....	“.....	23	21	16	8	8	76
Average .....	.....	24¼	20½	15½	7¾	8	76

First premium to E. A. Fobes, Lindenville, O.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co. ....	2 50
Total .....	\$12 50

Second premium to E. A. Fobes, Lindenville, O.—

Illinois State Board of Agriculture.....	5 00
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## Full Cream Cheese.

E. A. Fobes. ....	Lindenville, O .....	27	23½	16½	8	7½	82½
“.....	“.....	23	22	16	7½	7½	76
Average .....	.....	25	23	16¼	7¾	7½	79¼

First premium to E. A. Fobes, Lindenville, O.—

Illinois State Board of Agriculture.....	\$10 00
Warsaw Salt Co. ....	2 50
Total .....	\$12 50

Second premium to E. A. Fobes, Lindenville, O.—

Illinois State Board of Agriculture.....	5 00
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## LOT 113—SWEEPSTAKES.

## Cheddar Cheese.

Exhibitor.	Postoffice.	Flavor.....	Quality.....	Texture....	Color.....	Salting....	Total.....
		30	30	20	10	10	100
P. O. Hallbeck .....	West Salem, Ill.....	26	27	17	8	8	86
J. E. Neeley.....	Grinnell, Ia. ....	22	20	15	8½	7½	73
H. Z. Fish. ....	Richland Center, Wis...	29	29	19	10	9	96
H. W. Durkee. ....	Milburn, O.....	25	23½	16	8	8	80½
A. F. Jones.....	Clear Lake, Minn.....	28	27½	17½	7½	8½	89
Average. ....		26	25	17	8	8	85

Premium to H. Z. Fish, Richland Center, Wis.—

Illinois State Board of Agriculture..... \$25 00

## Flat Cheese.

P. O. Hallbeck .....	West Salem, Ill.....	27½	27	17	9	8½	89
J. E. Neeley.....	Grinnell, Ia. ....	26½	25½	16	8½	8	84½
F. E. Carswell .....	Lone Rock, Wis .....	28	28	18	9	9	92
E. A. Fobes. ....	Lindenville, O .....	25½	25½	17	8	8	84
F. D. Holmes.....	Owatonna, Minn.....	28	28	18	9	9	92
Average. ....		27	27	17	9	8	88

Premium to F. E. Carswell, Lone Rock, Wis.—

Illinois State Board of Agriculture..... \$25 00

## Young America Cheese.

P. O. Hallbeck .....	West Salem, Ill.....	27½	26	16½	8	8	87
J. E. Neeley.....	Grinnell, Iowa.....	27½	27½	17	8½	8½	89
H. Z. Fish.....	Richland Center, Wis...	27½	27½	18	9	8½	90½
E. A. Fobes.....	Lindenville, Ohio.....	25½	20	15	7½	8	76
A. F. Jones.....	Clear Lake, Minn.....	25	25	16	7½	8½	82
Average .....		27	25	17	8	8¼	85

Premium to H. Z. Fish, Richland Center, Wis.—

Illinois State Board of Agriculture..... \$25 00

## Full Cream Cheese.

P. O. Hallbeck.....	West Salem, Ill.....	26	25	15	8	8	82
J. E. Neeley.....	Grinnell, Iowa .....	27	27	16½	8	8	86½
E. A. Fobes .....	Lindenville, Ohio.....	27	23½	16½	8	7½	82½
A. F. Jones.....	Clear Lake, Minn.....	25	24½	15½	7	8	80
Average .....		26¼	25	16	8	8	83

Premium to J. E. Neeley, Grinnell, Iowa.—

Illinois State Board of Agriculture.....	\$25 00
Chr. Hasen's Laboratory .....	2 00
Total .....	\$27 00

Lot 114—GRAND SWEEPSTAKES.

Exhibitor.	Postoffice.	Flavor.....	Quality.....	Texture.....	Color.....	Salting.....	Total .....
		30	30	20	10	10	100
H. Z. Fish.....	Richland Center, Wis ..	29	29	19	10	9	96
F. E. Carswell.....	Lone Rock, Wis .....	28	28	18	9	9	92
H. Z. Fish.....	Richland Center, Wis...	27½	27½	18	9	8½	90½
J. E. Neeley.....	Grinnell, Iowa.....	27	27	16½	8	8	86½
Average .....	.....	28	28	18	9	9	91

Premium to H. Z. Fish, Richland Center, Wis.—

Illinois State Board of Agriculture.....	\$50 00
J. C. Vaughan.....	14 00
Chr. Hansen's Laboratory .....	9 80
R. B. Crouch & Co.....	5 00
Total .....	\$78 80

Lot 115—DAIRY IMPLEMENTS AND APPLIANCES.

BUTTER MAKING UTENSILS.

Union Industrial Fiber Co., Chicago, Ill.  
Western Dairy Supply Co., Chicago, Ill.

CREAM RAISING UTENSILS.

Boyd, John, Chicago, Ill.  
Moseley & Pritchard, Clinton, Ia.  
Western Dairy Supply Co., Chicago, Ill.

MACHINERY FOR DAIRY USE.

Bingham, A. M., Jesup, Ia.  
Dairy Implement Co., Bellows Falls, Vt.  
Vermont Farm Machine Co., Bellows Falls, Vt.  
Western Dairy Supply Co., Chicago, Ill.

BUTTER AND CHEESE PACKAGES.

Creamery Package Manfg. Co., Chicago, Ill.  
Western Dairy Supply Co., Chicago, Ill.



BUTTER AND CHEESE COLOR.

Hansen's Chr. Laboratory, Chicago, Ill.  
Western Dairy Supply Co., Chicago, Ill.

DAIRY SALT.

Davies Warehouse Co., Chicago, Ill.  
Eureka Salt Mfg. Co., New York, N. Y.  
Genesee Salt Co., Chicago, Ill.  
Knight, S. H., Chicago, Ill.  
Warsaw Salt Co., Warsaw, N. Y.  
Western Dairy Supply Co., Chicago, Ill.

RENNET OR RENNETINE.

Hansen's Chr. Laboratory, Chicago, Ill.  
Western Dairy Supply Co., Chicago, Ill.

REFRIGERATORS FOR DAIRY USE.

Friend Bros., Chicago, Ill.  
Lorillard Refrigerator Co., Chicago, Ill.  
Moseley & Pritchard, Clinton, Ia.  
Western Dairy Supply Co., Chicago, Ill.

MISCELLANEOUS.

Thayer Refrigerator Co. (refrigerator milk can), Chicago, Ill.  
Seamon Butter Carrier Co., (butter carrier), Clinton, Ia.  
Thos. A. James, (churn), Chicago, Ill.  
L. J. Cobb, (refrigerator), Englewood, Ill.

RECAPITULATION.

Amount premiums awarded.

Class.	Regular.	Special.	Total.
Class A—Cattle .....	\$4,030 00	\$2,865 75	\$6,895 75
Class B—Horses .....	4,540 00	2,405 00	6,945 00
Class C—Sheep .....	1,935 00	287 75	2,222 75
Class D—Swine .....	1,395 00	237 75	1,632 75
Class E—Poultry .....	777 00	.....	777 00
Class N—Dairy .....	884 00	520 40	1,404 40
Grand total .....	\$13,561 00	\$6,366 65	\$19,927 65

The results of the ten Fat Stock Shows are briefly given herewith, for convenience of ready reference, and to enable the reader to critically examine and compare the different rings of the various breeds of stock exhibited at these shows.

The pure breeds and crosses will be reported upon in the order they appear in the classification of premiums.

The averages of the rings, of the several ages of animals and breeds, for the ten years, are first given, followed by table giving age, weight and gain of the first premium animals exhibited therein each year.

The increasing interest in the matter of early maturity has not diverted the attention of feeders from the essential matter of extra quality, which has and always will influence the awards of committees. The question of early maturity, other essential qualities being equal, will doubtless influence the award in favor of the animal making the largest average gain per day since birth.

In compiling the following statistics, it has been the purpose of the writer simply to give the official figures, without comment, leaving the reader free to draw his own inference as to the merits of the respective meat breeds of animals exhibited.

The superior quality of butchers' stock exhibited at the Tenth Annual Fat Stock Show has not been surpassed by the same number of animals previously exhibited.

The matter of extra quality is deservedly attracting more attention at each succeeding show, and the fine finish, excellent handling quality, fineness of bone, and other evidences of light offal, and cutting a large proportion of net to gross, was noticeable in the stock awarded premiums at the late show.



## CLASS A—CATTLE.

## SHORT-HORNS.

Short-Horn Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	2	1,891	2,262	1.19
1879 .....	5	1,861	2,358	1.28

First Premium Animals 4 years old or over.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton .....	Young Mary, steer.....	1,880	2,085	1.11
1879	Wing & Thompson.....	Wm. Allen.....	1,578	2,240	1.42

Short-Horn Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	2	1,250	2,087	1.67
1879 .....	2	1,326	2,039	1.53
1880 .....	4	1,300	2,172	1.66
1881 .....	3	1,364	2,093	1.53
1882 .....	5	1,339	2,141	1.59
1883 .....	3	1,344	1,955	1.46
1884 .....	9	1,262	1,981	1.57
1885 .....	4	1,346	2,055	1.53
1886 .....	6	1,268	1,978	1.56
1887 .....	4	1,300	1,975	1.52

## First Premium Animals 3 and under 4 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton .....	Young Mary, steer.....	1,280	2,115	1.65
1879	J. H. Graves.....	Nichols .....	1,335	2,060	1.54
1880	William Sandusky.....	Vermilion.....	1,367	2,350	1.71
1881	J. B. Sherman.....	Morris .....	1,309	2,150	1.64
1882	H. & I. Groff .....	King of the West.....	1,305	2,535	1.94
1883	J. B. Sherman.....	William S.....	1,306	1,970	1.51
1884	Can. W. F. Stock Association	Clarence Kirklevington	1,372	2,400	1.74
1885	Morrow & Renick.....	Schooler .....	1,425	2,210	1.55
1886	J. R. Peak & Son.....	Cambridge Geneva.....	1,348	2,105	1.56
1887	J. J. Hill .....	Prentice.....	1,155	1,715	1.48

## Short-Horn Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	5	934	1,621	1.73
1879.....	3	971	1,624	1.86
1880.....	5	942	1,801	1.92
1881.....	7	963	1,634	1.69
1882.....	.....	.....	.....	.....
1883.....	3	868	1,765	2.02
1884.....	11	971	1,738	1.79
1885.....	10	978	1,747	1.78
1886.....	7	1,010	1,706	1.69
1887.....	11	948	1,694	1.79

## First Premium Animals—2 and under 3 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	H. C. Nelson.....	Cash .....	969	1,705	1.76
1879	J. N. Brown's Sons.....	John Clay, Jr.....	845	1,636	1.93
1880	J. B. Sherman.....	Boynton .....	1,064	1,815	1.70
1881	Morrow & Muir.....	Muir .....	1,085	1,895	1.74
1882	.....	.....	.....	.....	.....
1883	Canada W. Farm Ass'n .....	Clarence Kirklevington	1,009	2,045	2.02
1884	Morrow & Renick.....	Bedford No. 1.....	1,038	1,708	1.64
1885	J. H. Potts & Son .....	Frank.....	905	1,615	1.78
1886	Morrow & Renick.....	Tempest.....	968	1,910	1.91
1887	J. W. Pickett.....	Clarendon .....	982	1,620	1.65

## Short-Horn Steer or Spayed Heifer, 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	3	672	1,385	2.06
1879.....	5	638	1,267	2.00
1880.....	1	721	1,590	2.20
1881.....	.....	.....	.....	.....
1882.....	3	480	1,288	2.72
1883.....	9	647	1,222	1.92
1884.....	9	592	1,261	2.13
1885.....	2	568	1,325	2.33
1886.....	9	567	1,164	2.05
1887.....	16	631	1,352	2.15



## First Premium Animals—1 and under 2 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	J. N. Brown's Sons.....	Duke Sangamon.....	650	1,480	2.28
1879	".....	Gaylord.....	701	1,316	1.87
1880	J. S. Highmore.....	Corporal.....	721	1,590	2.20
1881	".....	".....	".....	".....	".....
1882	Canada W. Farm Ass'n.....	Clarence Kirklevington	645	1,620	2.51
1883	Morrow & Renick.....	Schooler.....	698	1,300	1.85
1884	".....	Swift.....	625	1,370	2.19
1885	Elbert & Fall.....	Cleveland.....	497	1,290	2.59
1886	Rigdon Huston & Son.....	Grover.....	551	1,083	1.97
1887	J. R. Peak & Son.....	Morse.....	676	1,450	2.14

## Short-Horn Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885.....	1	237	535	2.26
1886.....	7	294	832	2.83
1887.....	5	320	873	2.80

## First Premium Animals—under 1 year.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1885	J. R. Peak & Son.....	Duke of Ashbrook 2d..	237	535	2.26
1886	B. Waddel.....	Buck.....	318	960	3.02
1887	C. C. Blish & Son.....	Mark.....	353	1,035	2.93

## Short-Horn Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	6	2,937	1,722	0.72
1879.....	8	2,364	1,786	0.81
1880.....	3	3,031	1,618	0.59
1881.....	4	2,109	1,756	0.83
1882.....	8	2,106	1,808	0.85
1883.....	6	2,635	1,797	0.71

## First Premium Animals—Cow 3 years old or over.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	Baugh & Son.....	Superior.....	1,721	2,075	1.20
1879	R. K. & A. S. Brownlee.....	Red Bettie.....	2,035	1,769	0.86
1880	W. Scott.....	Forest Queen 2d.....	2,136	1,710	0.80
1881	Canada W. Farm Stock Ass'n.	Lady Aberdeen.....	1,873	1,875	1.00
1882	J. H. Potts & Son.....	Acorn 6th.....	1,404	1,865	1.32
1883	C. S. Barclay.....	4th Rose of Ashbrook..	2,047	1,895	0.92

## HEREFORDS.

## Hereford Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	1	2,692	2,010	0.75
1879 .....	4	1,639	1,994	1.28

## First Premium Animals 4 years old or over.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller .....	Hereford.....	2,692	2,010	0.75
1879	" " .....	John .....	1,677	2,043	1.22

## Hereford Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	3	1,346	1,735	1.26
1879 .....	2	1,389	1,973	1.41
1880 .....	1	1,183	1,875	1.58
1881 .....	2	1,233	1,947	1.57
1882 .....	1	1,121	1,765	1.57
1883 .....	4	1,315	1,952	1.48
1884 .....	2	1,381	1,817	1.31
1885 .....	8	1,279	1,967	1.54
1886 .....	.....	.....	.....	.....
1887 .....	.....	.....	.....	.....

## First Premium Animals 3 and under 4 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller.....	No. 20.....	1,336	1,705	1.20
1879	" " .....	Merryman .....	1,359	1,968	1.44
1880	" " .....	Alex.....	1,183	1,875	1.58
1881	" " .....	Will.....	1,224	1,965	1.60
1882	M. H. Cochrane.....	Sir Richard .....	1,121	1,765	1.57
1883	Adams Earl .....	Wabash .....	1,441	2,350	1.63
1884	Fowler & Van Natta.....	Artless.....	1,374	1,560	1.13
1885	Ind. Blooded Stock Co .....	Suspense.....	1,266	2,260	1.78
1886 .....	.....	.....	.....	.....	.....
1887 .....	.....	.....	.....	.....	.....



## Hereford Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	1	1,080	1,470	1.36
1879 .....	1	939	1,474	1.57
1880 .....	3	943	1,738	1.85
1881 .....	3	954	1,626	1.70
1882 .....	4	1,041	1,539	1.47
1883 .....	8	1,056	1,405	1.33
1885 .....	5	995	1,605	1.61
1886 .....	5	942	1,706	1.81
1887 .....	1	951	1,555	1.63

## First Premium Animals 2 and under 3 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller .....	No. 23 .....	1,080	1,470	1.36
1879	" " .....	Alex .....	939	1,474	1.57
1880	" " .....	Will .....	866	1,650	1.91
1881	Earl & Stuart .....	Wabash .....	1,077	1,940	1.80
1883	A. A. Crane & Son .....	My Maryland .....	1,061	1,715	1.61
1884	Indiana Blooded Stock Co. ....	Prince .....	996	1,860	1.86
1885	Geo. Leigh & Co .....	Sampson .....	925	1,610	1.74
1886	Wyoming Hereford Cattle Co. ....	Rudolph, Jr. ....	944	1,530	1.62
1887	Fowler & Van Natta .....	Donald .....	951	1,555	1.63

## Hereford Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	3	577	1,230	2.15
1879 .....	1	710	1,115	1.57
1881 .....	1	697	1,330	1.90
1882 .....	7	610	1,132	1.85
1884 .....	4	682	1,287	1.89
1885 .....	2	532	1,125	2.11
1886 .....	1	674	1,090	1.62
1887 .....	5	688	1,381	2.00

## First Premium Animals 1 and under 2 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller .....	General .....	712	1,397	1.96
1880	G. S. Burleigh .....	Advance .....	710	1,115	1.57
1881	A. A. Crane & Son .....	My Maryland .....	697	1,330	1.90
1883	C. M. Culbertson .....	Choctaw .....	714	1,460	2.04
1884	Indiana Blooded Stock Co. ....	Rosy Duke .....	655	1,250	1.81
1885	Geo. Leigh & Co .....	Slasher .....	507	1,195	2.36
1886	C. B. Stuart .....	Edward 3d .....	674	1,090	1.62
1887	B. Waddel .....	Christmas Gift .....	684	1,545	2.26

## Hereford Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1886.....	2	315	895	2.84
1887.....	4	336	855	2.55

## First Premium Animals under 1 year.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1886	Samuel Weaver.....	Christmas Gift.....	318	925	2.92
1887	T. C. Ponting. ....	Samuel Weaver .....	329	865	2.63

## Hereford Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	3	2,176	1,630	0.78
1879.....	2	3,663	1,615	0.56
1880.....	5	1,350	1,720	1.27
1881.....	3	1,782	1,435	0.82
1882.....	5	2,880	1,672	0.65
1883.....	2	1,976	1,676	0.96

## First Premium Animals 3 years old or over.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller.....	Jennie .....	1,677	1,595	0.95
1879	" .....	Jennie .....	2,018	1,730	0.85
1880	" .....	Maid of Orleans .....	1,350	1,720	1.27
1881	" .....	Maid of Mist.....	2,243	1,560	0.69
1882	" .....	Princess Alice Mand...	3,943	1,800	0.45
1883	C. M. Culbertson.....	Kathleen.....	1,347	1,710	1.27

## DEVONS.

## Devon Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	2	655	1,757	1.06
1879.....				



## First Premium Animals 4 years old or over.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	Sanford Saun.....	May Boy .....	1,658	1,645	0.99
1879	.....	.....	.....	.....	.....

## Devon Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	2	1,319	1,565	1.18
1879.....	1	1,335	1,509	1.12
1880.....	2	1,330	1,220	0.93
1881.....	2	1,298	1,152	0.88
1882.....	.....	.....	.....	.....
1883.....	.....	.....	.....	.....
1884.....	.....	.....	.....	.....
1885.....	.....	.....	.....	.....
1886.....	1	1,263	1,250	0.99
1887.....	2	1,331	1,512	1.13

## First Premium Animals 3 and under 4 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	Thomas Bidwell.....	Postman .....	1,371	1,655	1.21
1879	L. F. Ross.....	Buck .....	1,335	1,509	1.12
1880	Thomas Bidwell .....	Major .....	1,335	1,270	0.97
1881	L. Rawson .....	Broad .....	1,268	1,075	0.84
1882	.....	.....	.....	.....	.....
1883	.....	.....	.....	.....	.....
1884	.....	.....	.....	.....	.....
1885	.....	.....	.....	.....	.....
1886	B. Waddel.....	Bolivar.....	1,263	1,250	0.99
1887	J. W. Morse & Son.....	Morsel .....	1,375	1,665	1.21

## Devon Steer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	.....	.....	.....	.....
1879.....	.....	.....	.....	.....
1880.. .....	1	849	1,250	1.46
1881.....	3	926	977	1.05
1882.....	.....	.....	.....	.....
1883.....	.....	.....	.....	.....
1884.....	.....	.....	.....	.....
1885.....	.....	.....	.....	.....
1886.....	3	973	1,167	1.20
1887.....	3	1,015	1,435	1.41

## First Premium Animals 2 and under 3 years.

Year ..	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878					
1879					
1880	L. F. Ross.	Honest Tom	849	1,250	1.46
1881	L. Rawson	Jerry	969	975	1.00
1882					
1883					
1884					
1885					
1886	J. W. Morse & Son	Newton	989	1,120	1.18
1887	Wm. Younger.	Beefy	1,020	1,495	1.46

## Devon Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878				
1879	1	483	844	1.74
1880				
1881	3	609	792	1.30
1882				
1883				
1884				
1885				
1886	5	604	971	1.61
1887	2	578	1,053	1.82

## First Premium Animals 1 and under 2 years.

Year ..	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878					
1879	L. F. Ross.	Honest Tom	483	844	1.74
1880					
1881	L. Rawson	Jim	614	835	1.36
1882					
1883					
1884					
1885					
1886	Wm. Younger	Juicy	650	1,040	1.60
1887	B. Waddel.	Bobby	617	955	1.55

## Devon Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1886	3	212	580	2.73
1887	2	195	550	2.83



## First Premium Animals under 1 year.

Year ...	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1886	B. Waddel.....	Bob.....	251	645	2.57
1887	".....	Brass.....	203	560	2.76

## Devon Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	1	1,905	1,200	0.63
1879.....	2	2,475	1,115	0.51
1880.....	.....	.....	.....	.....
1881.....	.....	.....	.....	.....
1882.....	.....	.....	.....	.....
1883.....	.....	.....	.....	.....

## First Premium Animals 3 years old or over.

Year ...	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
*1878	.....	.....	.....	.....	.....
1879	L. F. Ross.....	Marilla.....	3,490	1,264	0.36
1880	.....	.....	.....	.....	.....
1881	.....	.....	.....	.....	.....
1882	.....	.....	.....	.....	.....
1883	.....	.....	.....	.....	.....

\* No premium awarded in 1878.

## ABERDEEN-ANGUS.

## Aberdeen-Angus Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883.....	1	1,330	2,355	1.70
1884.....	1	1,404	1,890	1.35
1885.....	.....	.....	.....	.....
1886.....	2	1,366	2,237	1.63
1887.....	1	1,322	2,225	1.68

## First Premium Animals 3 and under 4 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1883	Geary Bros .....	Black Prince .....	1,380	2,355	1.70
1884	M. H. Cochrane.....	Netherwood Jock.....	1,404	1,890	1.35
1885	.....	.....	.....	.....	.....
1886	Jas. J. Hill.....	Wildy.....	1,372	2,260	1.65
1887	T. W. Harvey .....	Sandy .....	1,322	2,225	1.68

## Aberdeen-Angus Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883.....	1	999	1,815	1.82
1884.....	4	892	1,712	1.92
1885.....	1	956	1,865	1.95
1886.....	3	1,056	1,801	1.71

## First Premium Animals 2 and under 3 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1883	M. H. Cochrane .....	Waterside Jock.....	999	1,815	1.82
1884	Jas. J. Hill.....	Wildy.....	1,009	1,770	1.75
1885	Gudgell & Simpson .....	Sandy .....	956	1,865	1.95
1886	T. W. Harvey.....	Bl'k Prince of Turl'g'tn	1,075	1,995	1.86

## Aberdeen-Angus Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	4	525	1,248	2.38
1885.....	1	593	1,470	2.48
1886.....	5	667	1,405	2.11
1887.....	5	604	1,284	2.13

## First Premium Animals 1 and under 2 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1883	T. W. Harvey .....	Paris Favorite.....	634	1,316	2.07
1884	Gudgell & Simpson .....	Sandy .....	593	1,470	2.48
1885	T. W. Harvey.....	Bl'k Prince of Turl'g'tn	709	1,495	2.11
1886	Estill Bros.....	Dot.....	494	1,253	2.53

## Aberdeen-Angus Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885.....	1	304	920	3.03
1886.....	1	327	890	2.72



## First Premium Animal under 1 year.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1885	Gudgell & Simpson.....	Alex .....	304	920	3.03
1886	.....	.....	.....	.....	.....
1887	T. W. Harvey.....	Alexandria Knight.....	327	890	2.72

## Aberdeen-Angus Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883.....	3	2,698	1,703	0.70

## First Premium Animal 3 years old or over.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1883	M. H. Cochrane.....	Duchess 2d.....	1,770	1,820	1.03

## SUSSEX.

## Steer or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1887 .....	2	1,390	1,867	1.34

## First Premium Animals 3 years old or over.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1887	E. & A. Stanford.....	Speculation .....	1,392	1,970	1.41

## Sussex Steer or Spayed Heifer 1 and under 2 years,

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885 .....	1	705	1,380	1.96
1886 .....	1	649	1,250	1.93
1887 .....	1	707	1,270	1.80

## First Premium Animals 1 and under 2 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
*1885	.....	.....	.....	.....	.....
1886	Overton Lea.....	Brown .....	649	1,250	1.93
1887	Overton Lea.....	Rover .....	707	1,270	1.80

\*No first premium awarded.

## Sussex Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1887.....	1	355	710	2.00

## First Premium Animals under 1 year.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. Since birth.
1887	Overton Lea.....	Letham .....	355	710	2.00

## HOLSTEIN.

## Holstein Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	1	1,338	1,450	1.08
1885.....	1	1,412	2,080	1.47
1886.....	1	1,264	1,335	1.06
1887.....	.....	.....	.....	.....

## First Premium Animals 3 and under 4 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
*1884	.....	.....	.....	.....	.....
*1885	.....	.....	.....	.....	.....
1886	Thomas B. Wales, Jr .....	Sokje (6587) .....	1,264	1,335	1.06
1887	.....	.....	.....	.....	.....

\*No first premium awarded.



## Holstein Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884 .....	1	1,048	1,800	1.72
1885 .....	.....	.....	.....	.....
1886 .....	.....	.....	.....	.....
1887 .....	.....	.....	.....	.....

## First Premium Animals 2 and under 3 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
*1884 .....	.....	.....	.....	.....	.....
1885 .....	.....	.....	.....	.....	.....
1886 .....	.....	.....	.....	.....	.....
1887 .....	.....	.....	.....	.....	.....

\*No first premium awarded.

## Holstein Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885 .....	1	276	690	2.50

## First Premium Animals under 1 year.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
*1885 .....	.....	.....	.....	.....	.....

\*No first premium awarded.

## GRADES OR CROSSES.

## Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878. ....	12	1,815	2,491	1.37
1879. ....	17	1,923	2,373	1.25

1878—11 Grade Short-Horns: 1 Grade Hereford.

1879—15 Grade Short-Horns; 1 Grade Hereford; 1 Grade Devon.

## First Premium Animals 4 years old or over.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days...	Weight .....	Av. gain per day in lbs. since birth..
1878	D. M. Moninger .....	Horace Greeley .....	Grade Short-Horn .....	2,058	2,480	1.20
1879	T. L. Miller .....	Ben .....	Grade Hereford .....	1,780	2,134	1.19

## Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	10	1,296	2,032	1.56
1879 .....	29	1,262	1,946	1.18
1880 .....	18	1,267	1,924	1.54
1881 .....	34	1,259	1,943	1.54
1882 .....	24	1,261	2,034	1.61
1883 .....	16	1,302	2,152	1.61
1884 .....	22	1,286	2,071	1.61
1885 .....	29	1,293	2,071	1.60
1886 .....	20	1,261	1,978	1.57
1887 .....	22	1,271	1,952	1.54

1878— 9 Grade Short-Horns; 1 Grade Hereford.

1879—20 Grade Short-Horns; 7 Grade Herefords; 2 Grade Devons.

1880—16 Grade Short-Horns; 2 Grade Herefords.

1881—29 Grade Short-Horns; 5 Grade Herefords.

1882—17 Grade Short-Horns; 7 Grade Herefords.

1883—12 Grade Short-Horns; 4 Grade Herefords.

1884—16 Grade Short-Horns; 4 Grade Herefords; 2 Hereford-Short-Horns.

1885—13 Grade Short-Horns; 13 Grade Herefords; 2 Grade Angus; 1 Grade Holstein.

1886—10 Grade Short-Horns; 8 Grade Herefords; 2 Grade Holsteins.

1887— 8 Grade Short-Horns; 8 Grade Herefords; 5 Galloway-Native; 1 Angus-Native; 1 Hereford-Short-Horn.

## First Premium Animals 3 and under 4 years.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days...	Weight .....	Av. gain per day in lbs. since birth..
1878	J. D. Gillett .....	John Sherman .....	Grade Short-Horn .....	1,328	2,185	1.65
1879	J. W. Hunt .....	Thad. Stevens .....	" " .....	1,294	1,986	1.53
1880	J. H. Graves .....	Morrow .....	" " .....	1,411	2,030	1.44
1881	T. L. Miller .....	Conqueror .....	Grade Hereford .....	1,190	2,145	1.80
1882	D. M. Moninger .....	Tom Brown .....	Grade Short-Horn .....	1,174	1,945	1.65
1883	C. M. Culbertson .....	Roan Boy .....	Grade Hereford .....	1,415	2,125	1.50
1884	John Ross & Son .....	Charley Ross .....	Grade Short-Horn .....	1,250	2,265	1.81
1885	Fowler & Van Natta .....	Regulus .....	Grade Hereford .....	1,306	2,345	1.79
1886	Morrow & Renick .....	Cyclone .....	Grade Short-Horn .....	1,300	1,935	1.49
1887	D. M. Moninger .....	Stevens .....	Grade Short-Horn .....	1,406	2,370	1.69



Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	13	935	1,651	1.73
1879.....	31	954	1,710	1.77
1880.....	20	904	1,721	1.89
1881.....	33	955	1,625	1.70
1882.....	19	951	1,753	1.85
1883.....	20	957	1,762	1.85
1884.....	47	963	1,718	1.78
1885.....	33	956	1,721	1.80
1886.....	22	966	1,754	1.81
1887.....	37	954	1,725	1.80

1878—11 Grade Short-Horns; 2 Grade Herefords.  
1879—31 Grade Short-Horns.  
1880—16 Grade Short-Horns; 4 Grade Herefords.  
1881—28 Grade Short-Horns; 4 Grade Herefords; 1 Hereford-Short-Horn.  
1882—13 Grade Short-Horns; 6 Grade Herefords.  
1883—13 Grade Short-Horns; 7 Grade Herefords.  
1884—25 Grade Short-Horns; 15 Grade Herefords; 1 Grade Holstein; 1 Grade Angus; 5 Short-Horn-Angus.  
1885—25 Grade Short-Horns; 6 Grade Herefords; 1 Grade Holstein; 1 Hereford-Jersey.  
1886—12 Grade Short-Horns; 6 Grade Herefords; 1 Grade Devon; 1 Angus-Short-Horn; 1 Angus-Hereford; 5 Short-Horn-Angus.  
1887—16 Grade Short-Horns; 12 Grade Herefords; 2 Grade Galloway; 3 Grade Angus; 1 Devon-Native; 2 Angus-Short-Horn; 1 Hereford-Devon.

First Premium Animals 2 and under 3 years.

Year .....	Exhibitor.	Name of Animal.	Breed.	Age in days...	Weight .....	Av. gain per day in lbs. since birth..
1878	J. D. Gillett.....	Number 47 .....	Grade Short-Horn .....	962	1,885	1.96
1879	J. W. Hunt .....	Peter Cooper.....	“ “ .....	932	1,532	1.64
1880	A. F. More.....	Hawks .....	“ “ .....	940	1,900	2.02
1881	J. W. Hunt.....	Red Lord.....	“ “ .....	1,045	1,765	1.68
1882	D. M. Moninger.....	Grinnell.....	“ “ .....	1,011	1,850	1.83
1883	Fowler & Van Natta ....	Benton's Champion.....	Grade Hereford .....	938	1,910	2.02
1884	Morrow & Renick.....	Eales .....	Grade Short-Horn .....	1,053	2,048	1.94
1885	J. H. Potts & Son.....	Richmond .....	“ “ .....	909	1,545	1.71
1886	Wyo. Hereford Cattle Co.	Nigger .....	Angus-Hereford .....	914	1,540	1.68
1887	D. M. Moninger.....	Glick.....	Grade Short-Horn.....	1,020	1,855	1.92

Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	2	678	1,470	2.16
1879.....	14	538	1,307	2.42
1880.....	22	590	1,290	2.20
1881.....	5	665	1,288	1.93
1882.....	17	600	1,318	2.20
1883.....	70	594	1,239	2.11
1884.....	27	618	1,286	2.08
1885.....	33	617	1,322	2.14
1886.....	27	623	1,290	2.07
1887.....	39	584	1,357	2.28

- 1878—2 Grade Short-Horns.  
 1879—14 Grade Short-Horns.  
 1880—18 Grade Short-Horns; 3 Grade Herefords; 1 Grade Devon.  
 1881—3 Grade Short-Horns; 2 Grade Herefords.  
 1882—7 Grade Short-Horns; 10 Grade Herefords.  
 1883—28 Grade Short-Horns; 42 Grade Herefords.  
 1884—17 Grade Short-Horns; 6 Grade Herefords; 1 Grade Holstein; 1 Grade Aberdeen-Angus; 1 Hereford-Texan; 1 Hereford-Jersey.  
 1885—13 Grade Short-Horns; 15 Grade Herefords; 3 Grade Angus; 1 Grade Holstein; 1 Hereford-Short-Horn.  
 1886—14 Grade Short-Horns; 7 Grade Herefords; 6 Grade Angus.  
 1887—8 Grade Short-Horns; 14 Grade Herefords; 2 Grade Angus; 8 Angus-Short-Horn; 1 Hereford-Native; 1 Galloway-Short-Horn; 1 Short-Horn-Native; 3 Grade Sussex; 1 Angus-Native.

## First Premium Animals 1 and under 2 years.

Year .....	Exhibitor.	Name of Animal.	Breed.	Age in days ..	Weight .....	Av. gain per day in lbs. since birth ..
1878	J. D. Gillett .....	Number 66 .....	Grade Short-Horn.....	656	1,420	2.15
1879	" .....	McMullen .....	" .....	605	1,196	1.97
1880	D. M. Moninger .....	Perfection .....	" .....	671	1,395	2.07
1881	J. H. Potts & Son .....	Major .....	" .....	719	1,565	2.17
1882	" .....	Red Major.....	" .....	715	1,600	2.23
1883	J. G. Imboden.....	Scratch .....	" .....	620	1,640	2.60
1884	Fowler & Van Natta.....	Joseph .....	Grade Hereford .....	688	1,530	2.22
1885	Adams Earl .....	Sir Bartle 2d.....	" .....	591	1,515	2.56
1886	J. H. Potts & Son .....	Diamond .....	Grade Short-Horn .....	661	1,390	2.10
1887	Fowler & Van Natta.....	Sam Jones.....	Grade Hereford.....	704	1,480	2.10

## Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	10	231	757	2.70
1885.....	25	292	798	2.73
1886.....	23	288	732	2.54
1887.....	13	317	839	2.72

- 1884—3 Grade Short-Horns; 7 Grade Herefords.  
 1885—7 Grade Short-Horns; 17 Grade Herefords; 1 Grade Angus.  
 1886—6 Grade Short-Horns; 13 Grade Herefords; 1 Grade Angus; 1 Grade Sussex; 1 Grade Jersey; 1 Angus-Hereford.  
 1887—3 Grade Short-Horns; 8 Grade Herefords; 2 Grade Angus.

## First Premium Animals under 1 year.

Year .....	Exhibitor.	Name of Animal.	Breed.	Age in days...	Weight .....	Av. gain per day in lbs. since birth..
1884	J. R. Price & Son.....	Lindell .....	Grade Hereford.....	350	920	2.62
1885	" .....	Excelsior .....	" .....	314	895	2.85
1886	Fowler & Van Natta.....	Sam Jones .....	" .....	328	980	2.90
1887	J. R. Price & Son.....	Cullom .....	" .....	310	910	2.93



## Cow 3 years old or over.

Year	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....				
1879.....				
1880.....	1	4,225	1,770	0.41
1881.....	2	1,663	1,722	1.06
1882.....	3	1,773	1,896	1.07
1883.....	3	1,558	2,005	1.32

1880—1 Grade Short-Horn.

1881—1 Grade Short-Horn; 1 Grade Hereford.

1882—3 Grade Short-Horns.

1883—3 Grade Short-Horns.

## First Premium Animals 3 years old or over.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days...	Weight .....	Av. gain per day in lbs. since birth..
1878.....						
1879.....						
1880.....	H. A. Bassett.	Spot.....	Grade Short-Horn.....	4,225	1,770	0.41
1881.....	J. D. Gillett.....	Lady Peerless.....	" ".....	1,268	1,520	1.19
1882.....	"	"	" ".....	1,644	1,880	1.14
1883.....	Can. W. F. S. Ass'n....	Canada's Pride.....	" ".....	1,320	2,185	1.65

## RANGE CATTLE.

## Steer or Spayed Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1887. ....	2	.....	1,345	.....

## First Premium Animals 3 years old or over.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1887.....	J. S. Smith & Co.....	Stnrgis. ....	.....	1,470	.....

## Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1887. ....	1	.....	980	.....

## First Premium Animals 2 and under 3 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1887	J. S. Smith & Co .....	Custer. ....	.....	980	.....

## Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1887. ....	1	.....	.....	.....

## First Premium Animals 1 and under 2 years.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1887	J. S. Smith & Co .....	Miles.....	.....	.....	.....

## Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1887. ....	1	.....	555	.....

## First Premium Animal under 1 year.

Year....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1887	J. S. Smith & Co .....	Keogh.....	.....	555	.....

## ALL BREEDS AND GRADES BY AGES.

## Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	14	1,876	2,405	1.28
1879.....	19	1,782	2,330	1.31

1878—2 Short-Horns; 9 Grade Short Horns; 1 Hereford; 1 Grade Hereford; 1 Devon.

1879—5 Short-Horns; 11 Grade Short-Horns: 1 Hereford; 1 Grade Hereford.



## Prize Animals 4 years old or over.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days...	Weight.....	Av. gain per day in lbs. since birth..
1878	Van Meter & Hamilton..	Young Mary No. 1.....	Short-Horn.....	1,902	2,440	1.28
1879	J. D. Gillett.....	Vanderbilt .....	Grade Short-Horn.....	1,573	2,118	1.34

## Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	8	1,229	2,031	1.55
1879.....	19	1,281	1,965	1.51
1880.....	18	1,269	1,885	1.49
1881.....	25	1,263	1,961	1.55
1882.....	20	1,278	2,030	1.59
1883.....	22	1,318	2,093	1.56
1884.....	29	1,312	2,016	1.54
1885.....	3	1,332	2,272	1.70
1886.....	5	1,309	1,777	1.36
1887.....	5	1,330	1,989	1.49

1878—7 Grade Short-Horns; 1 Grade Hereford.

1879—2 Short-Horns; 10 Grade Short-Horns; 2 Herefords; 3 Grade Herefords; 2 Grade Devons.

1880—4 Short-Horns; 8 Grade Short-Horns; 1 Hereford; 3 Grade Herefords; 2 Devons.

1881—19 Grade Short-Horns; 2 Herefords; 4 Grade Herefords.

1882—4 Short-Horns; 10 Grade Short-Horns; 6 Grade Herefords.

1883—1 Short-Horn; 12 Grade Short-Horns; 4 Herefords; 4 Grade Herefords; 1 Polled Angus.

1884—7 Short-Horns; 13 Grade Short-Horns; 1 Hereford; 4 Grade Herefords; 1 Hereford-Short-Horn; 1 Aberdeen-Angus; 2 Galloways.

1885—1 Short-Horn; 1 Hereford; 1 Grade Hereford.

1886—1 Short-Horn; 1 Devon; 1 Angus; 1 Holstein; 1 Grade Short-Horn.

1887—1 Short-Horn; 1 Devon; 1 Aberdeen-Angus; 1 Sussex; 1 Grade Short-Horn.

## Prize Animals 3 and under 4 years.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1878	J. D. Gillett.....	John Sherman .....	Grade Short-Horn.....	1,328	2,185	1.65
1879	J. H. Graves .....	Nicholas .....	" "	1,335	2,060	1.54
1880	C. M. Culbertson.....	Mossy Coat.....	Grade Hereford.....	1,310	1,875	1.43
1881	J. D. Gillett.....	McMullen .....	Grade Short-Horn.....	1,237	2,095	1.69
1882	D. M. Moninger .....	Tom Brown.....	" "	1,174	1,945	1.65
1883	Geary Bros.....	Black Prince .....	Polled Angus.....	1,380	2,355	1.70
1884	Fowler & VanNatta....	Benton's Champion....	Grade Hereford.....	1,301	2,300	1.76
1885	" "	Regulus .....	" "	1,306	2,345	1.79
1886	James J. Hill.....	Wildy .....	Aberdeen-Angus .....	1,372	2,260	1.65
1887	D. M. Moninger .....	Stevens.....	Grade Short-Horn.....	1,406	2,370	1.69

## Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	13	935	1,651	1.73
1879 .....	21	953	1,705	1.78
1880 .....	22	915	1,752	1.91
1881 .....	27	983	1,672	1.70
1882 .....	17	971	1,783	1.84
1883 .....	27	954	1,723	1.81
1884 .....	52	963	1,720	1.79
1885 .....	4	936	1,635	1.75
1886 .....	5	954	1,581	1.66
1887 .....	5	1,009	1,704	1.70

1878—5 Short-Horns; 6 Grade Short-Horns; 2 Grade Herefords.

1879—3 Short-Horns; 17 Grade Short-Horns; 1 Hereford.

1880—5 Short-Horns; 9 Grade Short-Horns, 3 Herefords; 4 Grade Herefords; 1 Devon.

1881—6 Short-Horns; 15 Grade Short-Horns; 4 Grade Herefords; 1 Hereford Short-Horn; 1 Devon.

1882—6 Grade Short-Horns; 2 Herefords; 6 Grade Herefords.

1883—3 Short-Horns; 14 Grade Short-Horns; 3 Herefords; 6 Grade Herefords; 1 Polled Angus.

1884—8 Short-Horns; 23 Grade Short-Horns; 6 Herefords; 13 Grade Herefords; 1 Hereford-Angus; 1 Grade Aberdeen-Angus.

1885—1 Short-Horn; 1 Hereford; 1 Aberdeen-Angus.

1886—1 Short-Horn; 1 Hereford; 1 Devon; 1 Angus; 1 Angus-Hereford.

1887—1 Short-Horn; 1 Hereford; 1 Devon; 1 Aberdeen-Angus; 1 Grade Short-Horn.

## Prize Animals 2 and under 3 years.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1878	J. D. Gillett.....	Steer No. 60 .....	Grade Short-Horn.....	962	1,625	1.69
1879	J. W. Hunt.....	Victoria Duke.....	" " .....	932	1,532	1.64
1880	T. L. Miller.....	Conqueror .....	Grade Hereford.....	832	1,845	2.21
1881	David Grant.....	Echard .....	Grade Short-Horn.....	880	1,500	1.70
1882	Earl & Stuart.....	Wabash .....	Hereford .....	1,077	1,940	1.80
1883	Can. W. F. S. Associa'n.	Clarence Kirklevington.	Short-Horn.....	1,009	2,045	2.02
1884	J. P. Gillett.....	Barney .....	Grade Short-Horn.....	1,074	1,951	1.81
1885	Geo. Leigh & Co.....	Aurora .....	Hereford .....	925	1,610	1.74
1886	Wyo. Her. Cattle Ass'n.	Rudolph, Jr.....	" .....	944	1,530	1.62
1887	D. M. Moninger.....	Glick.....	Grade Short-Horn.....	1,020	1,855	1.92

## Steer or Spayed Heifer 1 and under 2 years.

Year	Entries.	Average age in days	Average weight.	Average gain per day in lbs. since birth.
1878 .....	5	674	1,419	2.10
1879 .....	14	572	1,276	2.25
1880 .....	15	647	1,376	2.13
1881 .....	6	656	1,212	1.84
1882 .....	13	596	1,355	2.30
1883 .....	53	602	1,240	2.07
1884 .....	28	614	1,296	2.11
1885 .....	4	547	1,367	2.50
1886 .....	7	648	1,234	1.90
1887 .....	6	646	1,331	2.06



- 1878—3 Short-Horns; 2 Grade Short-Horns.  
 1879—4 Short-Horns; 7 Grade Short-Horns; 2 Herefords; 1 Grade Hereford.  
 1880—1 Short-Horn; 9 Grade Short-Horns; 1 Hereford; 1 Grade Hereford; 1 Grade Devon;  
 2 Short-Horn-Herefords.  
 1881—3 Grade Short-Horns; 2 Grade Herefords; 1 Devon.  
 1882—3 Short-Horns; 5 Grade Short-Horns; 1 Hereford; 4 Grade Herefords.  
 1883—7 Short-Horns; 21 Grade Short-Horns; 5 Herefords; 20 Grade Herefords.  
 1884—3 Short-Horns; 11 Grade Short-Horns; 3 Herefords; 6 Grade Herefords; 1 Hereford-Jersey;  
 2 Aberdeen-Angus; 1 Grade Aberdeen-Angus; 1 Grade Holstein.  
 1885—1 Short-Horn; 1 Hereford; 1 Aberdeen-Angus; 1 Grade Hereford.  
 1886—1 Short-Horn; 1 Hereford; 1 Devon; 1 Angus; 1 Holstein; 1 Sussex; 1 Grade Short-Horn.  
 1887—1 Short-Horn; 1 Hereford; 1 Devon; 1 Aberdeen Angus; 1 Sussex; 1 Grade Hereford.

## Prize Animals 1 and under 2 years.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1878	J. N. Brown's Sons.....	Duke of Sangamon.....	Short-Horn.....	650	1,480	2.28
1879	J. D. Gillett.....	Clare S. Reed.....	Grade Short-Horn.....	544	1,300	2.39
1880	T. L. Miller.....	Kansas.....	Grade Hereford.....	696	1,580	2.27
1881	J. H. Potts.....	Major.....	Grade Short-Horn.....	719	1,565	2.17
1882	J. H. Potts & Son.....	Red Major.....	" ".....	715	1,600	2.23
1883	J. G. Imboden.....	Scratch.....	" ".....	712	1,450	2.03
1884	J. R. Peak & Son.....	Roan Boy.....	" ".....	612	1,240	2.02
1885	Elbert & Fall.....	Cleveland.....	Short-Horn.....	497	1,290	2.59
1886	J. H. Potts & Son.....	Diamond.....	Grade Short-Horn.....	661	1,390	2.10
1887	B. Waddel.....	Christmas Gift.....	Hereford.....	684	1,545	2.26

## Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	9	283	763	2.70
1885.....	3	285	783	2.75
1886.....	4	306	877	2.87
1887.....	6	313	823	2.66

- 1884—3 Grade Short-Horns; 6 Grade Herefords.  
 1885—1 Short-Horn; 1 Aberdeen-Angus; 1 Grade Hereford.  
 1886—1 Short-Horn; 1 Hereford; 1 Devon; 1 Grade Hereford.  
 1887—1 Short-Horn; 1 Hereford; 1 Devon; 1 Aberdeen-Angus; 1 Sussex; 1 Grade Hereford.

## First Premium Animals under 1 year.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1884	J. R. Price & Son.....	Lindell.....	Grade Hereford.....	350	920	2.62
1885	".....	Excelsior.....	".....	314	.....	.....
1886	Fowler & Van Vatta.....	Sam Jones.....	".....	338	980	2.90
1887	T. C. Ponting.....	Sam'l Weaver.....	Hereford.....	329	865	2.63

Cow 3 years old and over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	6	2,282	1,720	0.85
1879.....	10	2,442	1,728	0.77
1880.....	5	2,934	1,669	0.68
1881.....	8	1,891	1,659	0.89
1882.....	9	2,051	1,816	0.96
1883.....	16	2,229	1,783	0.88

- 1878—4 Short-Horns; 2 Herefords.  
1879—8 Short-Horns; 1 Hereford; 1 Devon.  
1880—3 Short-Horns; 1 Grade Short-Horn; 1 Hereford.  
1881—3 Short-Horns; 1 Grade Short-Horn; 3 Herefords; 1 Grade Hereford.  
1882—6 Short-Horns; 2 Grade Short-Horns; 1 Hereford.  
1883—6 Short-Horns; 3 Grade Short-Horns; 4 Herefords; 2 Holstein; 1 Polled Angus.

Prize Animals—Cow 3 or over.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av gain per day in lbs. since birth.
1878	T. L. Miller .....	Jennie.....	Hereford .....	1,677	1,595	0.95
1879	R. K. & A. S. Brownlee ..	Red Bettie.....	Short-Horn.....	2,035	1,769	0.86
1880	W. Scott.....	Forest Queen 2d.....	“ .....	2,136	1,710	0.80
1881	Ca. W. Farm S. Ass'on..	Lady Aberdeen 3d .....	“ .....	1,873	1,875	1.00
1882	J. H. Potts & Son .....	Acorn 6th .....	“ .....	1,404	1,865	1.32
1883	Ca. W. Farm S. Ass'on..	Canada's Pride .....	Grade Short-Horn.....	1,320	2,185	1.65

SWEEPSTAKES.

Best Animal shown in Lot for Short-Horns.

Year.....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1884	Ca. W. Farm S. Ass'on.....	C. Kirklevington.....	1,372	2,400	1.74
1885	Elbert & Fall .....	Cleveland .....	497	1,290	2.59
1886	J. R. Peak & Son .....	Cambridge Geneva.....	1,348	2,105	1.56
1887	J. J. Hill.....	Prentice .....	1,155	1,715	1.48

Best Animal shown in Lot for Herefords.

Year.....	Exhibitor.	Name of Animal.	Age in days	Weight.	Average gain per day in lbs. since birth.
1884	Indiana Blooded Stock Co ....	Prince.....	996	1,860	1.86
1885	“ “ .....	Suspense.....	1,266	2,260	1.78
1886	Wyoming Hereford Cattle Co..	Rudolph, Jr.....	944	1,530	1.62
1887	B. Waddel.....	Christmas Gift.....	684	1,545	2.46



## Best Animal shown in Lot for Devons.

Year....	Exhibitor.	Breed.	Age in days	Weight.	Average gain per day in lbs. since birth.
1886	J. W. Morse & Son.....	Newton .....	989	1,120	1.13
1887	Wm. Younger.....	Beefy .....	1,020	1,495	1.46

## Best Animal shown in Lot for Aberdeen-Angus.

1884	M. H. Cochrane .....	Netherwood Jock.....	1,404	1,890	1.35
1885	James J. Hill.....	Benholm .....	1,022	1,955	1.91
1886	" .....	Wildy .....	1,372	2,260	1.65
1887	T. W. Harvey.....	Sandy.....	1,322	2,225	1.68

## Best Animal shown in Lot for Sussex.

1886	Overton Lea .....	Brown .....	649	1,250	1.93
1887	E. & A. Stanford.....	Speculation .....	1,392	1,970	1.41

## Best Animal shown in Lot for Grades and Crosses.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight .....	Av. gain per day in lbs. since birth.
1884	John Ross & Son.....	Charley Ross.....	Grade Short-Horn.....	1,250	2,265	1.81
1885	Fowler & VanNatta....	Regulus .....	Grade Hereford.....	1,306	2,345	1.39
1886	Wyo. Hereford Cattle Co.	Nigger.....	Grade Angus.....	914	1,540	1.68
1887	D. M. Moninger.....	Glick.....	Grade Short-Horn .....	1,020	1,855	1.92

## Best Animal shown in Lot for Range Cattle.

Year..	Exhibitor.	Breed.	Age in days	Weight.	Average gain per day in lbs since birth.
1887	J. S. Smith & Co.....	Sturgis.....	.....	1,470	.....

## GRAND SWEEPSTAKES ANIMALS.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight .....	Av. gain per day in lbs. since birth.
1878	John D. Gillett.....	John Sherman .....	Grade Short-Horn.....	1,328	2,185	1.65
1879	J. H. Graves.....	Nichols.....	" .....	1,335	2,060	1.54
1880	" .....	John Sherman.....	" .....	1,701	2,465	1.44
1881	John D. Gillett.....	McMullen .....	" .....	1,237	2,095	1.69
1882	" .....	" .....	" .....	1,613	2,565	1.59
1883	C. M. Culbertson.....	Roan Boy.....	Grade Hereford .....	1,415	2,125	1.50
1884	Can. W. F. Stock Ass'n.	Clarence Kirklevington..	Short-Horn.....	1,372	2,400	1.74
1885	Fowler & VanNatta....	Regulus .....	Grade Hereford .....	1,306	2,345	1.79
1886	Wyo. Hereford Cattle Co.	Rudolph, Jr .....	Hereford.....	944	1,530	1.62
1887	D. M. Moninger.....	Glick.....	Grade Short-Horn.....	1,020	1,855	1.92

## HEAVIEST FAT STEER.

Year....	Exhibitor.	Breed.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	Charles Miller.....	Grade Short-Horn.....	2,162	3,155	1.45
1879	J. B. Sherman.....	“ “.....	2,403	2,840	1.18
1880	“ “.....	“ “.....	2,705	3,130	1.13
1881	“ “.....	“ “.....	1,633	2,435	1.49
1882	“ “.....	“ “.....	2,769	3,050	1 10
1883	“ “.....	“ “.....	1,977	2,720	1.37
1884	“ “.....	“ “.....	3,498	3,220	.92
1885	J. D. Gillett.....	“ “.....	1,949	2,860	1.47
1886	Fowler & VanNatta.....	Grade Hereford.....	1,629	2,565	1.58

## GAIN PER DAY.

## STEERS SHOWING MOST RAPID GROWTH.

## Premium Steer 4 years old or over.

1878	Van Meter & Hamilton.....	Grade Short-Horn.....	1,663	2,605	1.56
1879	J. H. Graves.....	“ “.....	1,613	2,820	1.74

## Premium Steer, Barren or Spayed Cow, 3 and under 4 years.

1878	Van Meter & Hamilton.....	Grade Short Horn.....	1,298	2,305	1.70
1879	John D. Gillett.....	“ “.....	1,269	2,307	1.81
1880	“ “.....	Short-Horn.....	1,250	2,215	1.77
1881	“ “.....	Grade Short-Horn.....	1,176	2,130	1.81
1882	H. & I. Goff.....	Short-Horn.....	1,305	2,535	1.94
1883	John D. Gillett.....	Grade Short-Horn.....	1,222	2,445	2.00
1884	“ “.....	“ “.....	1,250	2,340	1.87
1885	Fowler & VanNatta.....	Grade Hereford.....	1,266	2,345	1.85
1886	B. Waddel.....	Short-Horn.....	1,298	2,300	1.77
1887	Fowler & Van Natta.....	Grade Hereford.....	1,212	2,200	1.81

Entries 1880—1 Grade Short-Horn; 1 Devon.

“ 1881—1 Short-Horn; 7 Grade Short-Horns; 2 Grade Herefords.

“ 1882—2 Short-Horns; 4 Grade Short-Horns; 3 Grade Herefords.

“ 1883—6 Grade Short-Horns; 1 Hereford.

“ 1884—1 Short-Horn; 8 Grade Short-Horns; 1 Grade Hereford; 1 Hereford-Short-Horn.

“ 1885—9 Grade Short-Horns; 1 Hereford; 4 Grade Herefords; 1 Grade Holstein.

“ 1886—4 Grade Short-Horns; 2 Short-Horns; 2 Grade Herefords; 1 Angus; 2 Grade Holstein.

“ 1887—4 Grade Short-Horns; 4 Grade Herefords; 2 Aberdeen-Angus.

## Premium Steer or Spayed Heifer 2 and under 3 years.

1878	J. N. Brown's Sons.....	Short-Horn.....	783	1,585	2.02
1879	J. D. Gillett.....	Grade Short-Horn.....	977	2,081	2.12
1880	T. L. Miller.....	Grade Hereford.....	832	1,845	2.21
1881	J. D. Gillett.....	Grade Short-Horn.....	872	1,935	2.21
1882	“ “.....	“ “.....	858	2,220	2.59
1883	John Ross & Son.....	“ “.....	751	1,660	2.21
1884	Tom C. Ponting.....	Grade Hereford.....	867	1,815	2.09
1885	John D. Gillett.....	Grade Short-Horn.....	868	1,865	2.15
1886	B. F. Waters.....	“ “.....	943	2,045	2.17
1887	J. N. Cline.....	“ “.....	949	2,095	2.21



Entries 1880—3 Short-Horns; 5 Grade Short-Horns; 2 Grade Herefords.

“ 1881—9 Grade Short-Horns; 1 Grade Hereford.

“ 1882—3 Grade Short-Horns; 2 Herefords; 3 Grade Herefords.

“ 1883—3 Short-Horns; 7 Grade Short-Horns; 1 Grade Hereford.

“ 1884—3 Short-Horns; 9 Grade Short-Horns; 1 Hereford; 4 Grade Herefords; 1 Grade Aberdeen-Angus.

Entries 1885—1 Short-Horn; 11 Grade Short-Horns; 2 Herefords; 3 Grade Herefords; 2 Aberdeen-Angus; 1 Grade Holstein.

Entries 1886—3 Short-Horns; 7 Grade Short-Horns; 3 Herefords; 2 Grade Herefords; 1 Grade Devon; 1 Angus; 2 Angus-Herefords.

Entries 1887—5 Grade Herefords; 5 Grade Short-Horns; 1 Devon; 1 Angus-Short-Horn; 1 Hereford; 5 Short-Horns; 3 Aberdeen-Angus; 2 Grade Galloways.

#### Premium Steer or Spayed Heifer 1 and under 2 years.

Year..	Exhibitor.	Breed.	Age in days	Weight.	Average gain per day in lbs. since birth.
1878	J. N. Brown's Sons .....	Short-Horn .....	650	1,480	2.28
1879	J. D. Gillett .....	Gr. Short-Horn .....	553	1,373	2.67
1880	Cobb & Phillips .....	“ .....	485	1,450	2.47
1881	J. H. Potts & Son. ....	“ .....	719	1,565	2.17
1882	Cobb & Phillips .....	Short-Horn .....	384	1,140	2.97
1883	“ .....	Gr. Short-Horn .....	381	1,045	2.74
1884	Indiana Blooded Stock Co ....	Aberdeen-Angus. ....	410	1,125	2.74
1885	B. Waddel .....	Gr. Short-Horn .....	365	1,065	2.92
1886	F. A. Townley .....	“ .....	367	1,085	2.96
1887	S. S. Brown & Son .....	“ .....	389	1,170	3.00

Entries 1880—1 Short-Horn; 7 Gr. Short-Horns; 1 Gr. Hereford; 1 Hereford Short-Horn.

“ 1881—3 Devons; 3 Grade Short-Horns; 2 Grade Herefords.

“ 1882—2 Short-Horns; 7 Grade Short-Horns; 3 Grade Herefords.

“ 1883—1 Short-Horn; 7 Grade Short-Horns; 7 Grade Herefords.

“ 1884—2 Short-Horns; 6 Grade Short-Horns; 3 Grade Herefords; 3 Aberdeen-Angus; 1 Grade Angus; 1 Grade Holstein.

Entries 1885—4 Grade Short-Horns; 2 Herefords; 7 Grade Herefords; 1 Aberdeen-Angus; 2 Grade Aberdeen-Angus; 1 Sussex.

Entries 1886—3 Short-Horns; 4 Grade Short-Horns; 5 Grade Herefords; 1 Angus; 1 Grade Angus; 1 Holstein-Friesian; 1 Sussex.

Entries 1887—5 Grade Herefords; 2 Grade Short-Horns; 8 Angus-Short-Horn; 2 Herefords; 9 Short-Horns; 2 Aberdeen-Angus; 1 Galloway-Short-Horn; 2 Grade Sussex; 1 Sussex; 2 Grade Angus; 1 Hereford-Native; 1 Short-Horn-Native.

#### Premium Steer or Spayed Heifer under 1 year.

1884	B. Waddel. ....	Gr. Short-Horn .....	288	932	3.24
1885	“ .....	“ .....	118	405	3.43
1886	S. H. Todd .....	“ .....	121	455	3.76
1887	B. Waddel .....	Short-Horn .....	192	690	3.59

Entries 1884—8 Grade Short-Horns; 5 Grade Herefords.

“ 1885—1 Aberdeen-Angus; 1 Grade Angus; 3 Grade Short-Horns; 13 Grade Herefords.

“ 1886—3 Short-Horns; 3 Grade Short-Horns; 2 Herefords; 8 Grade Herefords; 1 Devon; 1 Grade Angus; 1 Angus-Hereford; 1 Grade Sussex.

Entries 1887—4 Grade Herefords; 5 Short-Horns; 2 Herefords; 2 Grade Short-Horns; 1 Grade Jersey.

## COST OF PRODUCTION.

The average net profit per head realized on the forty-eight competing animals from 1 to 12 months of age was \$19.37. The twenty-six competing animals from 1 to 24 months of age returned a profit of \$18 65 per head. There was an average gain per head of 39 cents on the nine steers fed from 1 to 36 months of age. The average cost of production per pound for the several periods named in the following tables, is as follows: Steer 1 to 12 months of age, \$3.45 per 100 pounds live weight; steer 1 to 24 months of age, \$4 42 per 100 pounds; steer 1 to 36 months of age, \$4.28 per 100 pounds. Three Range steers at 12 months of age were produced at an average cost of \$1.38 per 100 pounds, and averaged 650 pounds each at the age named. This is the best showing made in the following tables, which give the cost of production of thirty-seven steers from 1 to 12 months of age; eighteen steers from 1 to 24 months of age, and six steers from 1 to 36 months of age.

## Steer or Spayed Heifer under 12 months old.

Year.....	Breed.	Number of animals.	Average cost production per head to Nov. 8, 1887.	Average weight Nov. 8, 1887.	Average value per head Nov. 8, 1887, at \$6 per 100 lbs.	Net profit per head Nov. 8, 1887.	Average cost production per 100 lbs. to Nov. 8, 1887.
1887	Range.....	1	\$7 15	555	\$33 30	\$26 15	\$1 29
1887	Grade Hereford.....	1	\$24 83	918	\$55 08	\$30 25	\$2 70
1887	Short-Horn.....	1	\$22 45	690	\$41 40	\$18 95	\$3 25
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Range average.....		1	\$7 15	555	\$33 30	\$26 15	\$1 29
Grade Hereford average...		1	24 83	918	55 08	30 25	2 70
Short-Horn average.....		1	22 45	690	41 40	18 95	3 25
Average.....		1	\$18 14	721	\$43 26	\$25 12	\$2 41

## Steer or Spayed Heifer 1 to 12 months old.

Year.....	Breed.	Number of animals.	Average cost production per head 1 to 12 mos.	Average weight at 12 months.	Average value per head at 12 mos. at \$6 per 100 lbs.	Net profit per head at 12 mos.	Average cost production per 100 lbs. at 12 mos.
1882	Short-Horn.....	3	\$51 43	1,030	\$61 80	\$10 37	\$5 03
1883	".....	1	56 64	1,000	60 00	3 36	5 66
1884	".....						
1885	".....						
1886	Short-Horn.....	1	30 10	1,000	60 00	29 30	3 07
1887	".....	3	30 43	1,033	62 00	31 90	2 95
Average.....		2	\$42 15	1,016	\$60 95	\$18 74	\$4 18
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1882	Grade Short-Horn....	3	\$31 96	983	\$59 00	\$28 04	\$3 24
1883	".....	7	34 88	1,044	62 66	27 78	3 34
1884	".....						
1885	Grade Short-Horn....	9	25 07	758	45 48	20 41	3 31
1886	".....	4	26 61	735	44 10	17 49	3 59
1887	".....	1	23 49	970	58 20	34 71	2 42
Average.....		5	\$28 40	896	\$53 88	\$25 69	\$3 18
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1882	Hereford.....						
1883	".....	1	\$23 75	700	\$42 00	\$18 25	\$3 39
1884	".....						
1885	".....						
1886	".....						
1887	".....						
Average.....		1	\$23 75	700	\$42 00	\$18 25	\$3 39



## Steer or Spayed Heifer 1 to 12 months old—Continued.

Year.....	Breed.	Number of animals.	Average cost production per head 1 to 12 mos.	Average weight at 12 months.	Average value per head at 12 mos. at \$6 per 100 lbs.	Net profit per head at 12 mos.	Average cost production per 100 lbs. 1 to 12 mos.
1882	Grade Hereford .....	3	\$28 19	737	\$44 20	\$16 01	\$3 82
1883	“ .....	2	21 35	590	35 40	11 05	4 15
1884	“ .....	.....	.....	.....	.....	.....	.....
1885	“ .....	.....	.....	.....	.....	.....	.....
1886	“ .....	3	41 22	900	54 00	12 78	4 54
1887	“ .....	3	27 90	700	42 00	14 10	3 98
	Average .....	3	\$30 41	732	\$43 90	\$13 48	\$4 12
1887	Range .....	3	\$9 00	650	\$39 00	\$30 00	\$1 38
	Average .....	3	\$9 00	650	\$39 00	\$30 00	\$1 38
	Galloway-Native.....	1	\$43 65	800	\$48 00	\$4 35	\$5 46
	Average .....	1	\$43 65	800	\$48 00	\$4 35	\$5 46

## COMPARISON.

Short-Horns average.....	2	\$42 15	1,016	\$60 95	\$18 74	\$4 18
Grade Short-Horns av.....	5	28 40	896	53 88	25 69	3 18
Herefords average.....	1	23 75	700	42 00	18 25	3 39
Gr. Herefords av.....	3	30 41	732	43 90	13 48	4 12
Range av .....	3	9 00	650	39 00	30 00	1 38
Galloway-Native av .....	1	43 65	800	48 00	4 35	5 46
Average .....	3	\$29 56	799	\$47 95	\$18 42	\$3 45
1882 Short-Horn .....	3	\$51 43	1,030	\$61 80	\$10 37	\$5 03
1882 Grade Short-Horn....	3	31 96	983	59 00	28 04	3 24
1882 Grade Hereford.....	3	28 19	737	44 20	16 01	3 82
1883 Short-Horn .....	1	56 64	1,000	60 00	3 36	5 66
1883 Grade Short-Horn....	7	34 88	1,044	62 66	27 78	3 34
1883 Hereford .....	1	23 75	700	42 00	18 25	3 39
1883 Grade Hereford.....	2	24 35	590	35 40	11 05	4 15
1885 Grade Short-Horn ....	9	25 07	758	45 48	20 41	3 31
1886 Short-Horn .....	1	30 70	1,000	60 00	29 30	3 07
1886 Grade Short-Horn....	4	26 61	735	44 10	17 49	3 59
1886 Grade Hereford.....	3	41 22	900	54 00	12 78	4 54
1887 Short-Horn .....	3	30 43	1,033	62 00	31 90	2 95
1887 Grade Short-Horn ....	1	23 49	970	58 20	34 71	2 42
1887 Grade Hereford.....	3	27 90	700	42 00	14 10	3 98
1887 Range .....	3	9 00	650	39 00	30 00	1 38
1887 Galloway-Native.....	1	43 65	800	48 00	4 35	5 46

## Steer or Spayed Heifer 1 to 24 months old.

Year.....	Breed.	Number of animals.	Average cost production per head 1 to 24 months	Average weight at 24 months.	Average value per head at 24 mos. at \$6 per 100 lbs.	Net profit per head at 24 mos.	Average cost production per 100 lbs 1 to 24 mos.
1882	Short-Horn .....	1	\$86 80	1,600	\$96 00	\$9 20	\$5 42
1883	“ “ .....	1	100 36	1,500	90 00	*10 36	6 69
1884	“ “ .....	.....	.....	.....	.....	.....	.....
1885	“ “ .....	.....	.....	.....	.....	.....	.....
1886	“ “ .....	.....	.....	.....	.....	.....	.....
1887	“ “ .....	1	65 90	1,450	87 00	21 10	4 54
	Average.....	1	\$84 35	1,517	\$91 00	\$10 10	\$5 55

\*Loss.

*Steer or Spayed Heifer 1 to 24 months old—Continued.*

Year.....	Breed.	Number of animals.	Average cost production per head 1 to 24 months.	Average weight at 24 months.	Average value per head at 24 mos. at \$6 per 100 lb.	Net profit per head at 24 mos.	Average cost production per 100 lbs 1 to 24 months.
1882	Grade Short-Horn....	3	\$79 23	1,530	\$91 80	\$12 57	\$5 17
1883	“ “ .....	3	88 39	1,778	106 70	17 81	4 99
1884	“ “ .....	.....	.....	.....	.....	.....	.....
1885	“ “ .....	5	59 14	1,410	84 60	25 46	4 19
1886	“ “ .....	3	59 59	1,297	77 80	18 21	4 59
1887	“ “ .....	1	70 55	1,800	108 00	37 45	3 92
	Average .....	3	\$71 38	1,563	\$93 78	\$22 30	\$4 57
1882	Hereford.....	.....	.....	.....	.....	.....	.....
1883	“ .....	1	\$52 35	1,100	\$66 00	\$13 65	\$4 76
1884	“ .....	.....	.....	.....	.....	.....	.....
1885	“ .....	.....	.....	.....	.....	.....	.....
1886	“ .....	.....	.....	.....	.....	.....	.....
1887	“ .....	.....	.....	.....	.....	.....	.....
	Average .....	1	\$52 35	1,100	\$66 00	\$13 65	\$4 76
1882	Grade Hereford .....	1	\$61 61	1,370	\$82 20	\$20 59	\$4 42
1883	“ “ .....	.....	.....	.....	.....	.....	.....
1884	“ “ .....	.....	.....	.....	.....	.....	.....
1885	“ “ .....	.....	.....	.....	.....	.....	.....
1886	“ “ .....	1	57 27	1,200	72 00	14 73	4 77
1887	“ “ .....	2	49 10	1,200	72 00	22 90	4 09
	Average ....	1	\$55 99	1,257	\$75 40	\$19 41	\$4 43
1887	Range .....	3	\$15 00	883	\$53 00	\$38 00	\$1 70
	Average . .....	3	\$15 00	883	\$53 00	\$38 00	\$1 70
1887	Galloway-Native.....	1	\$78 75	1,000	\$60 00	*\$18 75	\$7 87
	Average .....	1	\$78 75	1,000	\$60 00	*\$18 75	\$7 87

\*Loss.

## COMPARISON.

Short-Horn av.....	1	\$65 90	1,450	\$87 00	\$21 10	\$4 54
Grade Short-Horn av.....	1	70 55	1,800	108 00	37 45	3 92
Grade Hereford av .....	2	49 10	1,200	72 00	22 90	4 09
Range av.....	3	15 00	883	53 00	38 00	1 70
Galloway-Native av .....	1	78 75	1,000	60 00	*18 75	7 87
Average .....	2	\$55 86	1,247	\$76 00	\$23 89	\$4 42
1882 Grade Short-Horn.....	3	\$79 23	1,530	\$91 80	\$12 57	\$5 17
1882 Grade Hereford.....	1	61 61	1,370	82 20	20 59	4 42
1883 Short-Horn. ....	1	100 36	1,500	90 00	*10 36	6 69
1883 Grade Short-Horn ....	3	88 89	1,778	106 70	17 81	4 99
1883 Hereford.....	1	52 35	1,100	66 00	13 65	4 76
1885 Grade Short-Horn ....	5	59 14	1,410	84 60	25 46	4 19
1886 “ “ .....	3	59 59	1,297	77 80	18 21	4 59
1886 Grade Hereford.....	1	57 27	1,200	72 00	14 73	4 77
1887 Short-Horn ... ..	1	65 90	1,450	87 00	21 10	4 54
1887 Grade Short-Horn ....	1	70 55	1,800	108 00	37 45	3 92
1887 Grade Hereford.....	2	49 10	1,200	72 00	22 90	4 09
1887 Range .....	3	15 00	883	53 00	38 00	1 70
1887 Galloway-Native.....	1	78 75	1,000	60 00	*18 75	7 87

\*Loss.



## Steer or Spayed Heifer 1 to 36 months old.

Year.....	Breed.	Number of animals.	Average cost production per head 1 to 36 months.	Average weight at 36 mos.	Average value per head at 36 mos. at \$6 per 100 lbs.	*Net loss per head at 36 mos.	Average cost production per 100 lbs. 1 to 36 mos.
1882	Short-Horn .....	1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
1883	" " .....	.....	.....	.....	.....	.....	.....
1884	" " .....	.....	.....	.....	.....	.....	.....
1885	" " .....	.....	.....	.....	.....	.....	.....
1886	" " .....	.....	.....	.....	.....	.....	.....
1887	" " .....	.....	.....	.....	.....	.....	.....
	Average.....	1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
1882	Grade Short-Horn ....	1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
1883	" " .....	1	186 36	2,450	147 00	39 36	7 60
1884	" " .....	.....	.....	.....	.....	.....	.....
1885	" " .....	3	99 47	1,767	106 02	+6 55	5 63
1886	" " .....	1	73 17	1,740	104 40	+31 23	4 20
1887	" " .....	.....	.....	.....	.....	.....	.....
	Average.....	1	\$131 57	2,052	\$123 10	\$16 93	\$6 21
1887	Range .....	2	\$24 00	1,167	\$69 75	+45 75	\$2 06
1887	Galloway-Native.....	1	\$110 59	1,700	\$102 00	\$8 59	\$6 51

## COMPARISON.

Range .....		2	\$24 00	1,167	\$69 95	†\$45 75	\$2 06
Galloway-Native .....		1	110 59	1,700	102 00	8 59	6 51
Average.....		1	\$67 29	1,433	\$85 87	\$18 58	\$4 28
1882	Grade Short-Horn ....	1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
1883	“ “ .....	1	186 36	2,450	147 00	39 36	7 60
1885	“ “ .....	3	99 47	1,767	106 02	†6 55	5 63
1886	“ “ .....	1	73 17	1,740	104 40	†31 23	4 20
1887	Range .....	2	24 00	1,167	69 75	†45 75	2 06
1887	Galloway-Native.....	1	110 50	1,700	102 00	8 59	6 51

\*Steers of extra quality, such as these statistics represent, frequently sell for more than the estimated price of \$6 per 100 pounds live weight.

+Gain.

The following table gives the average cost of production of animals competing in this ring for the past three years:

## Animals under 1 year old.

Items.	Five head. 1885.	Eleven h'd. 1886.	Three head. 1887.
Average value of animals at birth, \$5.			
" " milk consumed .....	\$15 13	\$11 61	\$8 10
" " grain consumed .....	2 52	3 87	8 40
" " hay and forage consumed.....	1 00	0 49	57
" " pasture consumed .....	2 25	1 29	2 25
" " other food consumed .....	1 88	0 75	4 20
" expense for care .....	2 80	2 59	2 44
" gain in pounds.....	730	699	721
" cost of production per 100 pounds on gain.....	\$4 19	\$3 66	\$2 42
" weight .....	730	699	721
" cost feed and care.....	\$30 58	\$25 60	\$18 14
" value at \$6 per 100 pounds .....	43 80	41 94	43 26
" net profit or loss at time of show .....	13 22	16 34	25 12

## Animals 1 to 12 months old.

Items.	9 head. 1882.	6 head. 1883.	9 head. 1885.	8 head. 1886.	11 head. 1887.
Average value of animals at birth, \$5.					
" " milk consumed.....	\$15 86	\$12 53	\$7 13	\$13 29	\$9 02
" " grain consumed.....	13 63	8 82	2 59	5 14	5 23
" " hay and forage consumed.....	2 46	1 78	1 71	1 87	3 66
" " pasture consumed .....	1 75	3 72	4 64	2 66	5 81
" " other food consumed .....	5 00	4 00	4 00	4 00	3 56
" annual expense for care.....				0 63	4 00
" gain during the year in pounds.....	917	926	758	830	811
" cost of production per 100 lbs. on the year's gain ..	\$4 93	\$3 70	\$3 31	\$3 92	\$2 99
" weight at close of year.....	917	926	758	830	811
" cost feed and care.....	\$39 19	\$33 93	\$25 07	\$32 59	\$24 47
" value at close of year at \$6 per 100 lbs.....	55 00	55 58	45 48	49 80	48 65
" net profit or loss at close of year .....	15 81	21 65	20 41	17 20	24 18

## Animals 12 to 24 months.

Items.	5 head. 1882.	4 head. 1883.	5 head. 1885.	4 head. 1886.	8 head. 1887.
Average value grain consumed.....	\$29 33	\$28 48	\$18 55	\$12 05	\$12 70
" " hay and forage consumed.....	8 06	5 66	3 52	5 02	5 59
" " pasture consumed.....	2 46	8 20	6 00	7 94	7 00
" " other food consumed.....				0 12	
" annual expense for care.....	5 00	6 00	6 00	6 00	6 00
" gain during year in pounds.....	562	587	690	500	351
" cost of production per 100 lbs. on the year's gain ..	\$7 98	\$8 12	\$4 94	\$6 23	\$4 70
" weight at close of year.....	1,512	1,587	1,410	1,272	1,162
" cost feed and care.....	\$44 85	\$47 25	\$56 57	\$31 13	\$44 80
" value at close of year at \$6 per 100 lbs.....	90 72	95 22	84 60	76 32	69 75
" net profit or loss at close of year .....	6 68	14 04	28 03	45 19	24 95

## Animals 24 to 36 months.

Items.	2 head. 1882.	1 head. 1883.	3 head. 1885.	1 head. 1886.	3 head. 1887.
Average value grain consumed .....	\$48 00	\$59 64	\$27 38	\$2 10	\$4 47
" " hay and forage consumed.....	16 00		4 27	3 60	9 00
" " pasture consumed .....	6 50		7 50	12 50	9 37
" " other food consumed .....	6 00				
" annual expense for care .....	5 00	9 00	9 00	9 00	9 00
" gain during year in pounds.....	650	200	367	400	392
" cost of production per 100 lbs. on the year's gain ..	\$12 54	\$4 18	\$7 97	\$6 80	\$3 54
" weight at close of year.....	2,250	2,450	1,767	1,740	1,342
" cost of feed and care.....	\$81 50	\$83 64	\$99 17	\$27 20	\$52 86
" value at close of year at \$6 per 100 lbs.....	135 00	147 00	106 02	104 40	80 50
" net profit or loss at close of year .....	*30 54	*17 82	6 85	3 64	27 64

\*Lost.

## COMPARISON FIRST PRIZE ANIMALS OF THE SEVERAL BREEDS OF CATTLE EXHIBITED IN 1887.

Steer, Barren or Spayed Cow, 3 and under 4 years.

Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
Short-Horn .....	1,155	1,715	1.48
Devon .....	1,375	1,665	1.21
Aberdeen-Angus.....	1,322	2,225	1.68
Sussex.....	1,392	1,970	1.41
Grades and Crosses.....	1,406	2,370	1.69
Range.....		1,470	



## Steer or Spayed Heifer 2 and under 3 years.

Breed.	Age in days.	Weight.	Average gain per day in lbs since birth.
Short-Horn.....	982	1,620	1.65
Hereford.....	951	1,555	1.63
Devon.....	1,020	1,495	1.46
Aberdeen-Angus.....	1,075	1,995	1.86
Grades and Crosses.....	1,020	1,855	1.92
Range.....	.....	980	.....

## Steer or Spayed Heifer 1 and under 2 years.

Short-Horn.....	676	1,450	2.14
Hereford.....	684	1,545	2.26
Devon.....	617	955	1.55
Aberdeen-Angus.....	494	1,253	2.53
Sussex.....	707	1,270	1.80
Grades and Crosses.....	704	1,480	2.10

## Steer or Spayed Heifer under 1 year.

Short-Horn.....	353	1,035	2.93
Hereford.....	329	865	2.63
Devon.....	203	560	2.76
Aberdeen-Angus.....	327	890	2.72
Sussex.....	355	710	2.00
Grades and Crosses.....	310	910	2.93
Range.....	.....	555	.....

DRESSED CARCASS.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age 3 and under 4 years.

Year.....	1887.	Average	7 animals	.....	Age in days.....	Average gain per day in lbs. since birth.....	Live weight at slaughter	Weight dressed carcass.	Per cent. net carcass to gross weight.....	Weight carcass, hide and tallow.....	Per ct. profitable weight (carcass, hide, tallow) to gross or live weight.	Tallow.....	Hide .....	Left fore quarter .....	Right fore quarter.....	Left hind quarter.....	Right hind quarter .....
	1886.	"	"	.....	1,266	1.43	1,760	1,191	.67	1,365	.77	79	96	315	311	285	279
	1885.	"	"	.....	1,312	1.55	1,990	1,344	.67	1,561	.78	115	102	354	351	318	321
	1884.	"	13	.....	1,293	1.57	2,007	1,350	.67	1,574	.78	123	101	353	354	323	320
	1883.	"	10	.....	1,312	1.57	2,025	1,383	.67	1,589	.78	114	96	364	362	330	323
	1882.	"	"	.....	1,363	1.51	2,018	1,384	.68	1,659½	.82	164½	111	376	369	326	313
	1881.	"	5	.....	1,248	1.46	1,776	1,178	.66	1,425	.80	144	102	319	313	271	275
	1880.	"	3	.....	1,284	1.44	1,846	1,233	.67	1,420	.77	92	95	337	338	285	272
	1879.	"	3	.....	1,256	1.41	1,725	1,181	.68	1,453	.84	171	100	314	307	275	285
		"	3	.....	1,267	1.42	1,790	1,183	.66	1,456	.81	177	97	318	310	282	272





Dressed Carcass—Continued.  
First Premium Animals.

Year.....	Name of Animal.	Breed.	Age in days.....	Average gain per day in lbs. since birth .....	Live weight at slaughter	Weight, dressed carcass	Per cent. net carcass to gross weight.....	Weight, carcass, hide and tallow.....	Per cent. profitable wt., carcass, hide and tal- low, to gr. or live wt...	Tallow.....	Hide.....	Left fore quarter .....	Right fore quarter.....	Left hind quarter .....	Right hind quarter .....
1887..	Scottish Prince.....	Hereford-West-Highlander..	1,293	1.26	1,595	1,032	.64	1,194	.74	61	101	269	269	249	249
1886..	Jerry 2d .....	Grade Hereford .....	1,261	1.52	1,905	1,230	.64	1,431	.75	83	118	320	318	296	296
1885..	Turriff .....	Grade Angus .....	1,383	1.55	2,060	1,404	.68	1,631	.79	124	103	385	382	320	317
1884..	Clarence Kirklevington.....	Short-Horn.....	1,372	1.74	2,370	1,659½	.70	1,906½	.80	152	95	449	432½	400½	377½
1883..	Starlight .....	Grade Short-Horn.....	1,416	1.54	2,105	1,430	.68	1,699½	.81	167½	102	387	379	340	324
1882..	Sir Richard.....	Hereford .....	1,121	1.57	1,690	1,149	.68	1,375	.81	118½	107½	295	290	277	287
1881..	Broad Horns.....	Grade Hereford.....	1,291	1.42	1,830	1,227	.67	1,399	.76	68	103	345	340	277	265
1880..	Alex.....	Hereford .....	1,183	1.58	1,850	1,250	.67	1,545	.83	184	111	327	318	295	310
1879..	Barney .....	Grade Hereford .....	1,274	1.56	1,963	1,317	.67	1,618	.82	195	106	371	354	305	287





Dressed Carcass—Continued.

Age 2 and under 3 years.

Year.....	1887..	Average 13	animals		Age in days.....	Average gain per day in lbs. since birth .....	Live weight at slaughter	Weight dressed carcass	Per cent. net carcass to gross weight.....	Weight carcass, hide and tallow.....	Per cent. profitable wt., carcass, hide and tal- low, to gr. or live wt..	Tallow .....	Hide.....	Left fore quarter .....	Right fore quarter.....	Left hind quarter.....	Right hind quarter .....
1886..	1887..	11	"	.....	970	1.75	1,650	1,095	.66	1,268	.77	77	96	283	285	265	261
1885..	1886..	11	"	.....	921	1.71	1,514	1,006	.66	1,164	.77	69	89	263	260	243	240
1884..	1885..	15	"	.....	984	1.75	1,678	1,123	.67	1,315	.78	101	93	294	295	269	263
1883..	1884..	11	"	.....	975	1.71	1,631	1,089	.67	1,257	.77	77	91	281	280	264	263
1882..	1883..	4	"	.....	986	1.74	1,785	1,203	.67	1,452	.81	163	86	342	320	271	270
1881..	1882..	3	"	.....	999	1.68	1,735	1,115	.64	1,321¼	.76	101½	105	294	285	272	264
1880..	1881..	2	"	.....	.....	.....	1,460	977	.66	1,145	.78	81	87	267	242	232	235
		2	"	.....	.....	.....	1,461	974	.66	1,209	.82	145	90	260	253	227	233





*Dressed Carcass — Continued.*

## First Premium Animals.

Year.....	Name and Postoffice of Exhibitor.	Breed.	Age in days.....	Average gain per day in pounds since birth ...	Live weight at slaughter	Weight, dressed carcass	Per cent. net carcass to gross weight.....	Weight, carcass, hide and tallow.....	Per cent. profitable wt., carcass, hide and tallow, to gr. or live wt..	Tallow. ....	Hide.....	Left fore quarter.....	Right fore quarter.....	Left hind quarter .....	Right hind quarter.....
1887..	Colonel.....	Grade Galloway.....	982	1.91	1,810	1,191	.66	1,399	.77	98	110	303	306	293	289
1886..	Plush .....	Grade Hereford .....	786	1.96	1,515	997	.66	1,177	.78	89	91	269	257	237	234
1885..	Joe.....	Grade Hereford .....	910	1.87	1,700	1,128	.66	1,324	.78	103	93	292	296	277	269
1884..	Abernethy .....	Grade Aberdeen-Angus .....	832	1.98	1,605	1,059½	.66	1,220½	.76	75	86	279½	276½	256	247½
1883..	Waterside Jock .....	Aberdeen Angus .....	999	1.82	1,785	1,203	.67	1,452	.81	163	86	342	320	271	270
1882..	Jay .....	Grade Hereford .....	972	1.78	1,735	1,115	.64	1,321¼	.76	101½	105	291	285	272	264
1881..	Echard .....	Grade Short-Horn.....	.....	.....	1,460	977	.66	1,145	.78	81	87	267	242	232	235
1880..	Blank .....	Grade Short-Horn.....	.....	.....	1,461	974	.66	1,209	.82	145	90	260	253	227	233





Dressed Carcass—Continued.

Age 1 and under 2 years.

Year.....	1887..	1886..	1885..	1884..	1883..	1882..	1881..	1880..		Age in days.....	Average gain per day in pounds since birth.....	Live weight at slaughter	Weight dressed carcass.	Per cent. net carcass to gross weight.....	Weight carcass, hide and tallow .....	Per cent. profitable wt., carcass, hide and tallow to gross or live weight.	Tallow.....	Hide.....	Left fore quarter .....	Right fore quarter.....	Left hind quarter.....	Right hind quarter.....
										657	2.02	1,279	831	.65	974	.76	54	85	214	212	205	203
										616	2.09	1,255	821	.65	957	.76	56	80	210	209	202	200
										594	2.20	1,232	800	.65	946	.77	67	79	205	204	196	195
										618	2.04	1,240	789	.64	916	.74	52	75	203	201	194	191
										604	1.97	1,153	726	.62	898	.78	81	90	187	185	179	175
										601	2.04	1,193	769	.63	924	.77	73	81	194	193	192	188
										622	2.15	1,197	730	.60	883	.73	70	83	195	185	175	175
										643	1.98	1,217	816	.67	1,021	.83	121	84	206	203	203	203





Dressed Carcass—Continued.

First Premium Animals

Year.....	Name and Postoffice of Exhibitor.	Breed.	Age in days.....	Average gain per day in pounds since birth ....	Live wt. at slaughter ..	Weight dressed carcass.	Per cent. net carcass to gross weight.....	Weight carcass, hide and tallow .....	Per cent. profitable wt., carcass, hide and tallow to gross or live weight.	Tallow .....	Hide.....	Left fore quarter.....	Right fore quarter.....	Left hind quarter.....	Right hind quarter .....
1887..	Pistole .....	Angus-Native. ...	555	2.40	1,285	834	.65	976	.76	64	78	221	215		195
1886..	Mineralist.....	Angus .....	641	2.19	1,350	902	.67	1,054	.78	55	97	231	231	203	221
1885..	Rosy .....	Sussex .....	705	1.95	1,325	886	.67	1,041	.79	68	87	234	231	214	207
1884..	Quality .....	Grade Aberdeen-Angus .....	613	2.08	1,220	811	.66	938	.77	52	75	212	211	197	191
1883..	Harry .....	Hereford .....	713	1.97	1,369	888	.65	1,079	.79	84½	106½	230	228	218	212
1882..	Red Major.....	Grade Short-Horn.....	715	2.23	1,540	1,028	.66	1,221	.79	97	96	250	257	257	255
1881..	Bailey .....	Grade Hereford.....	622	2.05	1,197	730	.60	1,883	.73	70	83	195	185	175	175
1880..	Monroe.....	Hereford-Short-Horn.....	643	1.93	1,217	816	.67	1,021	.83	121	84	206	203	203	203



## Dressed Carcass—Continued.

First Premium Animals—Continued.

Year.....	Name of Animal.	Breed.	Weight of head.....	Weight of feet.....	Weight of paunch.....	Weight of guts .....	Weight of liver.....	Weight of heart .....	Weight of tongue.....	Weight of lungs.....	Weight of trimmings ..	Weight of blood.....	Loss of w't by shrinkage .....	Weight of unprofitable parts .....	Per ct. unprofitable wt., including shrinkage to gross or live weight...
1887..	Pistole .....	Angus-Native. ....	26	17	116	46	10	5	8	14	9	34	24	285	24
1886..	Mineralist.....	Angus .....	27	17	102	39	12	5	9	12	10	35	28	268	22
1885..	Rosy .....	Sussex.....	32	16½	111	37	14	5	8½	14	16	27	3	281	21
1884..	Quality .....	Grade Aberdeen-Angus .....	25	16	91	40	12	5	7	14	10	30	32	250	23
1883..	Harry .....	Hereford .....	32½	18	101	18	13	3½	9½	14	.....	35½	83	328	24
1882..	Red Major.....	Grade Short-Horn.....	31	20	106	35	12	4	6	12	.....	52	41	319	21
1881..	Bailey .....	Grade Hereford .....	38	15½	87	37	13	5	8½	17	17	51½	25	.....	26
1880..	Monroe.....	Hereford-Short-Horn.....	23	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Age under 1 year.

[illegible]

Age under 1 year—Continued.

Per cent. unprofitable wt., including shrinkage, to gross or live weight. ....	27
Weight of unprofitable parts. ....	244
Loss of weight by shrinkage .....	12
Weight of blood.....	30
Hide trimmings .....	7
Weight of lungs.....	12
Weight of tongue.....	7
Weight of heart .....	3
Weight of liver. ....	11
Weight of guts. ....	41
Weight of paunch .....	97
Weight of feet.....	15
Weight of head.....	21
	Average, 1 animal. ....
Year.....	1884..



Dressed Carcass—Continued.

First Premium Animal.

Year.....	1884..	Name of Animal.	John Yeomans.....	Breed.	Grade Hereford. ....	325	2.97	930	562	.60	67.4	.73	36	76	140½	139½	Weight of left fore quarter. ....	139½	Weight of right fore quarter. ....	142½	Weight of left hind quarter. ....	139½	Weight of right hind quarter. ....
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First Premium Animal—Continued.

Year.....	1884..	Name of Animal.	John Yeomans.....	Breed.	Grade Hereford. ....	21	15	97	41	11	3	7	12	7	30	12	244	Per cent. unprofitable wt, including shrinkage, to gross or live weight. ....	27
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Average weights of the rings of the various breeds of Cattle and their crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886 and 1887 Fat Stock Shows.

Breeds.	Steer 4 years old or over.....	Steer, Barren or Spayed Cow 3 years old and un- der 4 years.....	Steer or Spayed Heifer 2 years old and under 3 years .....	Steer or Spayed Heifer 1 year old and under 2 years .....	Steer or Spayed Heifer under 1 year .....	Cow 3 years old or over .....
Short-Horn, 1878.....	2,262	2,087	1,621	1,335	.....	1,723
" 1879.....	2,358	2,039	1,624	1,267	.....	1,736
" 1880.....	.....	2,172	1,801	1,590	.....	1,618
" 1881.....	.....	2,093	1,634	.....	.....	1,756
" 1882.....	.....	2,141	.....	1,288	.....	1,808
" 1883.....	.....	1,955	1,765	1,222	.....	1,797
" 1884.....	.....	1,981	1,738	1,261	.....	.....
" 1885.....	.....	2,055	1,747	1,325	535	.....
" 1886.....	.....	1,978	1,706	1,164	832	.....
" 1887.....	.....	1,975	1,694	1,352	873	.....
Average .....	2,310	2,048	1,703	1,311	747	1,748
Hereford, 1878.....	2,010	1,735	1,470	.....	.....	1,630
" 1879.....	1,994	1,973	1,474	1,230	.....	1,615
" 1880.....	.....	1,875	1,738	1,115	.....	1,720
" 1881.....	.....	1,947	.....	.....	.....	1,455
" 1882.....	.....	1,765	1,626	1,330	.....	1,672
" 1883.....	.....	1,952	1,534	1,132	.....	1,680
" 1884.....	.....	1,817	1,405	1,287	.....	.....
" 1885.....	.....	1,967	1,605	1,125	.....	.....
" 1886.....	.....	.....	1,706	1,090	895	.....
" 1887.....	.....	.....	1,555	1,381	855	.....
Average .....	2,002	1,879	1,568	1,211	875	1,629
Devon, 1878.....	1,757	1,565	.....	.....	.....	1,200
" 1879.....	.....	1,509	.....	844	.....	1,115
" 1880.....	.....	1,220	1,250	.....	.....	.....
" 1881.....	.....	1,152	977	792	.....	.....
" 1882.....	.....	.....	.....	.....	.....	.....
" 1883.....	.....	.....	.....	.....	.....	.....
" 1884.....	.....	.....	.....	.....	.....	.....
" 1885.....	.....	.....	.....	.....	.....	.....
" 1886.....	.....	1,250	1,167	971	580	.....
" 1887.....	.....	1,512	1,435	1,053	550	.....
Average .....	1,757	1,368	1,207	915	565	1,157
Aberdeen-Angus, 1883.....	.....	2,355	1,815	.....	.....	1,903
" 1884.....	.....	1,890	.....	1,248	.....	.....
" 1885.....	.....	.....	1,712	1,470	920	.....
" 1886.....	.....	2,237	1,865	1,405	.....	.....
" 1887.....	.....	2,225	1,801	1,284	890	.....
Average .....	.....	2,177	1,798	1,352	905	1,903
Holstein, 1883.....	.....	.....	.....	.....	.....	1,645
" 1884.....	.....	1,450	1,800	.....	.....	.....
" 1885.....	.....	2,080	.....	.....	690	.....
" 1886.....	.....	1,335	.....	1,290	.....	.....
" 1887.....	.....	.....	.....	.....	.....	.....
Average .....	.....	1,622	1,800	1,290	690	1,645
Sussex, 1885.....	.....	.....	.....	1,330	.....	.....
" 1886.....	.....	.....	.....	1,250	.....	.....
" 1887.....	.....	1,867	.....	1,270	710	.....
Average .....	.....	1,867	.....	1,300	710	.....



Breeds.	Steer 4 years old or over .....	Steer, Barren or Spayed Cow 3 years old and un- der 4 years.....	Steer or Spayed Heifer 2 years old and under 3 years .....	Steer or Spayed Heifer 1 year old and under 2 years .....	Steer or Spayed Heifer under 1 year .....	Cow 3 years old or over .....
Grades and Crosses, 1878.....	2,491	2,032	1,650	1,470	.....	.....
" " 1879.....	2,373	1,946	1,710	1,307	.....	.....
" " 1880.....	.....	1,924	1,721	1,290	.....	1,770
" " 1881.....	.....	1,943	1,675	1,288	.....	1,722
" " 1882.....	.....	2,034	1,753	1,318	.....	1,896
" " 1883.....	.....	2,152	1,762	1,239	.....	2,005
" " 1884.....	.....	2,071	1,718	1,286	757	.....
" " 1885.....	.....	2,072	1,721	1,322	798	.....
" " 1886.....	.....	1,978	1,754	1,290	732	.....
" " 1887.....	.....	1,952	1,725	1,357	839	.....
Average .....	2,432	2,010	1,719	1,317	781	1,848
Range Cattle, 1887.....	.....	1,345	980	.....	555	.....

Consolidated average weights of the rings of the various breeds of Cattle and their crosses, exhibited in 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886 and 1887.

Short-Horn.....	2,310	2,048	1,703	1,311	747	1,748
Hereford .....	2,002	1,872	1,568	1,211	875	1,629
Aberdeen-Angus .....	.....	2,177	1,798	1,352	905	1,903
Devon.....	1,757	1,368	1,207	915	565	1,157
Holstein.....	.....	1,622	1,800	1,290	690	1,645
Sussex.....	.....	1,867	.....	1,300	710	.....
Grades and Crosses .....	2,432	2,010	1,719	1,317	781	1,848
Range Cattle .....	.....	1,345	980	.....	555	.....

#### EARLY MATURITY.

From the foregoing table, giving the consolidated average weights of all the cattle of the several breeds of different ages exhibited at the Fat Stock Shows of 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886 and 1887, the following table is prepared.

It is generally conceded that the best obtainable specimens of the several beef breeds have been exhibited at these shows, and until the results are changed at future shows, the public may find the following table of some value in determining the comparative feeding qualities as far as early maturity is concerned.

In the following table it will be seen that the Angus steers have made the most rapid growth, and the weights of this breed, as given above, will be represented by one hundred as a basis for determining by percentage the comparative weights of the different breeds of cattle of the same age exhibited at the ten exhibitions of Fat Stock.

Breed.	Steer or spayed heifer 3 and under 4 years.	Steer or spayed heifer 2 and under 3 years.	Steer or spayed heifer 1 and under 2 years.	Steer under 1 year .....
Short-Horn .....	94	95	97	82
Hereford .....	86	87	90	97
Aberdeen-Angus .....	100	100	100	100
Devon .....	63	67	68	62
Holstein .....	74	100	95	76
Sussex .....	86	.....	96	78
Grades and Crosses .....	92	96	97	86
Range Cattle .....	62	54	.....	61

## QUALITY.

The block is generally conceded to be the most conclusive test of the quality of meat.

The premiums awarded beef carcasses at Fat Stock Shows to date are given in the following table.

The number of entries in the class and sweepstakes rings for dressed carcasses at the several shows are as follows: 32 Herefords, 61 Grade Herefords, 2 Hereford-Short-Horns, 13 Short-Horns, 41 Grade Short-Horns, 1 Short-Horn Jersey, 1 Grade Devon, 14 Aberdeen-Angus, 12 Grade Aberdeen-Angus, 1 Angus-Short-Horn, 1 Angus-Hereford, 2 Holsteins, 3 Grade-Holsteins, 4 Sussex, 2 Devons, 3 Angus-Native, 2 Hereford-West Highlanders, 1 Devon-Native, 3 Grade Galloways, 1 Galloway-Short-Horn, total, 200. Making the per cent. of entries as following: Herefords, 16 per cent.; Grade Herefords, 30½ per cent.; Hereford Short-Horn, 1 per cent.; Short-Horn, 6 per cent.; Grade Short-Horns, 20½ per cent.; Aberdeen-Angus, 7 per cent.; Grade Aberdeen-Angus, 6 per cent.; Holsteins, 1 per cent.; Grade Holsteins, 1½ per cent.; Sussex, 2 per cent.; Devon, 1 per cent.; Angus-Native, 1½ per cent.; Hereford-West Highlander, 1 per cent.; Grade Galloway, 1½ per cent., and Short-Horn Jersey, Grade Devon, Angus-Short-Horn, Angus-Hereford, Devon-Native and Grade Galloway, ½ of 1 per cent. each.

In the table each premium awarded dressed carcasses at the several shows in the class and sweepstakes rings, is counted at 100 points, for the convenience of making comparison:





Year.	Aberdeen-Angus.	Grade Ab.-Ang's	Angus-Short-II'n	Hereford.	Grade Hereford.	Short-Horn.	Grade Short-II'n	Holstein.	Grade Holstein.
	Points scaled.....	Points scaled.	Points scaled.....	Points scaled.....	Points scaled.....	Points scaled.....	Points scaled.....	Points scaled.....	Points scaled.....
	Per cent. of total entries .....	Per cent. of total entries .....	Per cent. of total entries .....	Per cent. of total entries .....	Per cent. of total entries .....	Per cent. of total entries .....	Per cent. of total entries .....	Per cent. of total entries .....	Per cent. of total entries .....
1884.....	.....	.....	.....	100	.....	.....	.....	.....	.....
Steer or Spayed Heifer under 1 year.									
1887.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1886.....	50	.....	.....	.....	.....	.....	.....	.....	.....
1885.....	.....	25	.....	25	50	.....	.....	.....	.....
1884.....	6.67	6.66	.....	20.00	16.67	.....	.....	.....	.....
1883.....	7.69	.....	.....	38.46	46.16	100	100	.....	.....
1882.....	.....	.....	.....	9.09	63.64	.....	.....	.....	.....
1881.....	.....	.....	.....	7.15	42.85	.....	.....	.....	.....
Total.....	200	300	.....	550	1,000	250	500	.....	.....
Sweepstakes—all ages.									



Year.	Sussex.	Devon.	Angus- Hereford.	Angus- Native.	Heif'd-W Hig'nder	Grade Galloway.	Devon- Native	Galloway- Short-H'n
	Points scaled..... Per cent. of total en- tries .....	Points scaled..... Per cent. of total en- tries .....	Points scaled..... Per cent. of total en- tries .....	Points scaled..... Per cent. of total en- tries .....	Points scaled..... Per cent. of total en- tries .....	Points scaled..... Per cent. of total en- tries .....	Points scaled..... Per cent. of total en- tries .....	Points scaled..... Per cent. of total en- tries.....
Steer or Spayed Heifer 3 and under 4 years.								
1887.....	28			14	14	100		
1886.....								
1885.....								
1884.....								
1883.....								
1882.....								
1881.....								
1880.....								
*1879.....								
Steer or Spayed Heifer 2 and under 3 years.								
1887.....		8	9			15	8	
1886.....						100		
1885.....								
1884.....								
1883.....								
1882.....								
1881.....								
1880.....								
Steer or Spayed Heifer 1 and under 2 years.								
1887.....				14				14
1886.....	10			100				
1885.....	9							
1884.....	100							
1883.....								
1882.....								
1881.....								
1880.....								

Year.	Sussex.	Devon.	Angus-Hereford.	Angus-Native.	Herf'd-W Hig' Under.	Grade Galloway.	Devon-Native.	Galloway-Short-Horn
	Points scaled.....	Per cent. of total entries .....	Points scaled.....	Per cent. of total entries .....	Points scaled .....	Per cent. of total entries .....	Points scaled .....	Per cent. of total entries .....
1884.....	.....	.....	.....	.....	.....	.....	.....	.....
Steer or Spayed Heifer under 1 year.								
1887.....	.....	.....	.....	.....	.....	.....	.....	.....
1886.....	.....	.....	.....	.....	.....	.....	.....	.....
1885.....	.....	.....	.....	.....	.....	.....	.....	.....
1884.....	.....	.....	.....	.....	.....	.....	.....	.....
1883.....	.....	.....	.....	.....	.....	.....	.....	.....
1882.....	.....	.....	.....	.....	.....	.....	.....	.....
1881.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	100	.....	.....	100	100	.....	.....	.....

\*33 $\frac{1}{3}$  per cent. Grade Devon.



It will be seen that the honors in the slaughtering rings have been distributed among the various breeds of cattle, their grades or crosses, as follows: The Herefords have 17 per cent. of all the prizes for dressed carcasses; Grade Herefords, 33 per cent.; Short-Horns, 7 per cent.; Grade Short-Horns, 15 per cent.; Aberdeen-Angus, 6 per cent.; Grade Aberdeen-Angus, 9 per cent.; Sussex, 3 per cent.; Angus-Native, 3 per cent.; Hereford-West Highlander, 3 per cent., and Grade Galloway, 6 per cent.

The number of entries in the killing classes at the several shows is as follows:

Entries of Steers 3 and under 4 years.

Year.	Short-Horn. ....	Hereford .....	Aberdeen-Angus ..	Grade Short-Horn. .	Grade Hereford ..	Grade Devon ....	Grade Angus .....	Holstein .....	Grade Holstein ..	Sussex .....	Angus-Native ....	Hereford-West Highlander .....
1879.....				1	1	1						
1880.....		1		1	1							
1881.....				2	1							
1882.....		1		1	3							
1883.....		3		1	1							
1884.....	3	1	1	3	2							
1885.....		2		3	4		3	1	1			
1886.....	1		2	1	4							
1887.....	1		1		1					2	1	1

The premiums have been awarded on carcasses of steers 3 and under 4 years as follows: In 1887, Hereford-West Highlander steer Scottish Prince, exhibited by John B. Sherman, Chicago, Ill.; in 1886, Grade Hereford steer Jerry (2d), exhibited by Wallace Libby & Co., Ottawa, Ill.; in 1885, Grade Aberdeen-Angus steer Turriff, exhibited by James J. Hill, St. Paul, Minn.; in 1884, Short-Horn steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.; in 1883, Grade Short-Horn steer Starlight, exhibited by James H. Potts & Son, Jacksonville, Ill.; in 1882, Hereford steer Sir Richard, exhibited by M. H. Cochrane, Compton, Quebec, Can.; in 1881, Grade Hereford steer Broad Horns, exhibited by C. M. Culbertson, of Chicago; in 1880, Hereford steer Alex., exhibited by T. L. Miller, Beecher, Ill.; in 1879, Grade Hereford steer Barney, exhibited by T. L. Miller, Beecher, Ill.

## Entries of Steers 2 and under 3 years.

Year.	Short-Horn.....	Hereford.....	Aberdeen-Angus..	Grade Short-Horn	Grade Hereford ..	Grade Ab.-Angus.	Grade Holstein..	Devon .....	Angus-Hereford..	Grade Galloway..	Devon-Native ....
1880 .....				1	1						
1881 .....				1	1						
1882 .....					3						
1883 .....		1	1		2						
1884 .....	1	4		4	1	1					
1885 .....	2	3	1	5	3		1				
1886 .....		2		2	3	2		1	1		
1887 .....		1	2	1	3	2		1		2	1

Premiums have been awarded carcasses of steers 2 and under 3 years of age, as follows: In 1887, to Grade Galloway steer Colonel, exhibited by the Inter-State Galloway Cattle Co., Kansas City, Mo.; in 1886, Grade Hereford steer Plush, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; in 1885, Grade Hereford steer Joe, exhibited by Seabury & Sample, Lafayette, Ind.; in 1884, Grade Aberdeen-Angus steer Abernethy, exhibited by American Aberdeen-Angus Association, Independence, Mo.; in 1883, Aberdeen-Angus steer Waterside Jock, exhibited by M. H. Cochrane, Compton, Quebec; in 1882, Grade Hereford steer Jay, exhibited by H. Norris & Son, Aurora, Ill.; in 1881, Grade Short-Horn steer Echard, exhibited by David Grant, Petersburg, Ill.; in 1880, Grade Short-Horn steer Blank, exhibited by J. D. Gillett, Elkhart, Ill.

## Entries of Steers 1 and under 2 years.

Year.	Short-Horn.....	Hereford.....	Grade Short-Horn	Grade Hereford ..	Hereford-Short-H'n	Short-Horn-Jersey	Grade Ab.-Angus.	Angus-Short-H'n..	Sussex .....	Grade Holstein...	Aberdeen-Angus .	Holstein.....	Angus-Native ....
1880 .....					1								
1881 .....				1									
1882 .....			2	1									
1883 .....		1		3									
1884 .....	1		2	1		1	1						
1885 .....	1		4	3				1	1	1			
1886 .....	2						3		1		3	1	
1887 .....	1	4	1										1

Premiums have been awarded carcasses of steers 1 and under 2 years, as follows: In 1887, to Angus-Native steer Pistole, exhibited by T. W. Harvey, Turlington, Neb.; in 1886, Aberdeen-Angus steer Mineralist, exhibited by M. H. Cochrane, Hillhurst, Quebec; in 1885, Sussex heifer Rosy, exhibited by Overton Lea, Nashville, Tenn.; in 1884, Grade Aberdeen-Angus steer Quality, exhibited by M. H. Cochrane, Compton, Quebec; in 1883, Hereford steer Harry, exhibited by Fowler & Van Natta, Fowler, Ind.; in 1882, Grade



Short-Horn steer Red Major, exhibited by J. H. Potts & Son, Jacksonville, Ill.; in 1881, Grade Hereford steer Bailey, exhibited by G. S. Burleigh, Mechanicsville, Iowa; in 1880, Hereford-Short-Horn steer Monroe, exhibited by G. S. Burleigh, Mechanicsville, Iowa.

Entries of Steers under 1 year.

Year	Grade Hereford.
1884 .....	1

Premium awarded to Grade Hereford steer Jno. Yeomans, exhibited by T. C. Ponting, Moweaqua, Ill.

Sweepstakes entries Carcass Prizes.

Year.	Short-Horn.....	Hereford.....	Aberdeen-Angus..	Devon.....	Grade Short-Horn	Grade Hereford...	Grade Devon.....	Hereford-Short-Horn	Short-Horn-Jersey	Grade Ab.-Angus.	Sussex.....	Holstein.....	Angus-Hereford..	Hereford-West Highlander.....	Angus-Native....	Grade Galloway..
1881.....	.....	.....	.....	.....	3	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
1882.....	.....	1	.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1883.....	.....	5	1	.....	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1884.....	5	6	2	.....	9	5	.....	.....	1	2	.....	.....	.....	.....	.....	.....
1885.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....
1886.....	3	2	6	1	3	7	.....	.....	.....	5	1	1	1	.....	.....	.....
1887.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1

Sweepstakes premiums have been awarded dressed carcasses as follows: In 1887, to Grade Galloway steer Colonel, exhibited by the Inter-State Galloway Cattle Co., Kansas City, Mo.; in 1886, Grade Hereford steer Plush, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; in 1885, Grade Hereford steer Joe, exhibited by Seabury & Sample, Lafayette, Ind.; in 1884, Short-Horn steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.; in 1883, Grade Short-Horn steer Starlight, exhibited by J. H. Potts & Son, Jacksonville, Ill.; in 1882, Hereford steer Sir Richard, exhibited by M. H. Cochrane, Compton, Quebec, Can.; in 1881, Grade Hereford steer Broad Horns, exhibited by C. M. Culbertson, Chicago, Ill.

## PRIZE RECORD.

The number of entries and number of prizes awarded cattle of the several breeds and their crosses or grades at the Fat Stock Shows, in rings where all the breeds and their grades or crosses compete together, is given in the following tables:

The number of entries of the several classes of cattle is as follows: Short-Horns 193, Herefords 99, Devons 25, Aberdeen-Angus 40, Holsteins 8, Galloways 2, Sussex 9, Grade Short-Horns 842, Grade Herefords 481, Grade Aberdeen-Angus 35, Grade Holstein 14, Hereford-Short-Horns 9, Grade Devons 7, Hereford-Jersey 3, Short-Horn-Jersey 1, Short-Horn-Aberdeen-Angus 6, Hereford-Texan 1, Hereford-Aberdeen-Angus 1, Grade Jersey 1, Angus-Hereford 6, Angus-Short-Horn 11, Angus-Native 2, Grade Galloway 2, Grade Sussex 3, Galloway-Native 5, Devon-Native 1, Hereford-Native 1, Short-Horn-Native 1, Hereford-Devon 1, Galloway-Short-Horn 1, Range 5, Hereford-West-Highlander 1.

The per cent. of foregoing entries to the total number (1,817) is as follows: Short-Horns 10.63 per cent., Herefords 5.45 per cent., Devons 1.32 per cent., Aberdeen-Angus 2.20 per cent., Holsteins .44 per cent., Galloways .11 per cent., Sussex .49 per cent., Range .27 per cent., Grade Short-Horns 46.36 per cent., Grade Herefords 26.49 per cent., Grade Aberdeen-Angus 1.93 per cent., Grade Holstein .77 per cent., Grade Devons .38 per cent., Grade Jersey .05 per cent., Grade Galloway .11 per cent., Grade Sussex .16 per cent., Hereford-Short-Horn .49 per cent., Hereford-Jersey .16 per cent., Short-Horn-Jersey .05 per cent., Short-Horn-Angus .33 per cent., Hereford-Texan .05 per cent., Hereford-Aberdeen-Angus .05 per cent., Angus-Hereford .33 per cent., Angus-Short-Horn .60 per cent., Angus-Native .11 per cent., Galloway-Native .27 per cent., Devon-Native .05 per cent., Hereford-Native .05 per cent., Short-Horn-Native .05 per cent., Hereford-Devon .05 per cent., Galloway-Short-Horn .05 per cent. and Hereford-West-Highlander .05 per cent.



	Number of entries	Number first and sweepst'k's premiums awarded....	Number of premiums each breed should have received according to number of entries.....	No of premiums awarded above proportional number.....	Deficiency of premiums below proportionate number .....	Per cent. of premiums above proportional amount....	Per cent. of premiums awarded....	Per cent. each breed should have received according to number of entries .....	Per cent of premiums awarded in proportion to entries.	
									Excess.	Deficit.
Short-Horn .....	193	27	20,606	6,394	.....	31.03	13.92	10.632	3,298	.....
Hereford.....	99	15	10,570	4,430	.....	41.91	7.73	5.449	2,281	.....
Devon .....	25	5	2,669	2,331	.....	87.33	2.58	1.376	1,204	.....
Aberdeen-Angus.....	40	10	4,271	5,729	.....	134.14	5.15	2.201	2,949	.....
Holstein .....	8	.....	.854	.....	.854	.....	.....	.440	.....	.440
Galloway .....	2	.....	.214	.....	.214	.....	.....	.110	.....	.110
Sussex .....	9	5	.961	4,039	.....	420.29	2.58	.495	1,619	.....
Range.....	5	8	.533	7,461	.....	1,400.94	4.12	.275	3,845	.....
Grade Short-Horn .....	842	76	89,900	.....	13,900	.....	29.17	46,340	.....	7,170
Grade Hereford.....	481	39	51,356	.....	12,356	.....	20.10	26,473	.....	6,373
Grade Angus.....	35	3	3,737	.....	.737	.....	1.55	1,926	.....	.376
Grade Holstein .....	14	.....	1,495	.....	1,495	.....	.....	.771	.....	.771
Grade Devon .....	7	.....	.747	.....	.747	.....	.....	.385	.....	.385
Grade Jersey .....	1	.....	.107	.....	.107	.....	.....	.055	.....	.055
Grade Galloway .....	2	.....	.214	1,786	.....	8,346	1.03	.110	.920	.....
Grade Sussex.....	3	.....	.321	.....	.321	.....	.....	.165	.....	.165
Hereford-Short-Horn.....	9	.....	.960	.....	.960	.....	.....	.495	.....	.495
Hereford-Jersey .....	3	.....	.321	.....	.321	.....	.....	.165	.....	.165
Short-Horn Jersey .....	1	.....	.107	.....	.107	.....	.....	.055	.....	.055
Short-Horn-Angus .....	6	.....	.640	.....	.640	.....	.....	.331	.....	.331
Hereford-Texan .....	1	.....	.107	.....	.107	.....	.....	.055	.....	.055
Hereford-Angus .....	1	.....	.107	.....	.107	.....	.....	.055	.....	.055
Angus-Hereford .....	6	.....	.640	.....	.640	.....	.....	.331	.....	.331
Angus-Short-Horn .....	11	.....	1,174	.....	1,174	.....	.....	.605	.....	.605
Angus-Native.....	2	1	.214	.786	.....	3,673	0.52	.110	.410	.....
Galloway-Native.....	5	.....	.533	.....	.533	.....	.....	.275	.....	.275
Devon-Native.....	1	.....	.107	.....	.107	.....	.....	.055	.....	.055
Hereford-Native .....	1	.....	.107	.....	.107	.....	.....	.055	.....	.055
Short-Horn-Native .....	1	1	.107	.893	.....	88.45	.52	.055	.465	.....
Hereford-Devon .....	1	.....	.107	.....	.107	.....	.....	.055	.....	.055
Galloway-Short-Horn.....	1	.....	.107	.....	.107	.....	.....	.055	.....	.055
Hereford-West Highlander.....	1	2	.107	1,893	.....	176.91	1.03	.055	.975	.....
	1,817	194	194.00	.....	.....	.....	100.00	100.00	.....	.....

It will be seen in the above table, containing the awards of premiums made by expert judges at the ten shows, that if the number of entries of each class of cattle shown is taken into consideration, the record gives the breeds prestige as follows:

First, Range (it having received 1400.94 per cent. above its proportional amount); second, Sussex (it having received 420.29 per cent. above its proportional amount); third, Hereford-West Highlander (it having received 176.91 per cent. above its proportional amount); fourth, Aberdeen-Angus (it having received 134.14 per cent. above its proportional amount); fifth, Short-Horn-Native (it having received 88.45 per cent. above its proportional amount); sixth, Devon (it having received 87.33 per cent. above its proportional amount); seventh, Grade Galloway (it having received 83.46 per cent. above its proportional amount); eighth, Hereford (it having received 41.91 per cent. above its proportional amount); ninth, Angus-Native (it having received 36.73 per cent. above its proportional amount); and tenth, Short-Horn (it having received 31.03 per cent. above its proportional amount).

If the 194 premiums awarded on the 1,817 entries represented in the above table had been distributed in proportion to the number of entries made, the several classes of cattle would have received the per cent. of the first and sweepstakes premiums represented in the column so headed, and be entitled to precedence as follows: Grade Short-Horn, Grade Hereford, Short-Horn, Hereford.

The last two columns show the per cent. of excess or deficiency in premiums awarded to each class of animals, shown in proportion to the number of entries of the several breeds, during the past nine years.



## CLASS C—SHEEP.

Average weights in the rings of the various breeds of Sheep and their crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886 and 1887 Fat-Stock Shows:

Breed.	Wether 2 years old or over ....	Wether 1 and under 2 years old .....	Wether under 1 year old .....	Ewe 2 years old or over .....	Ewe 1 and under 2 years .....	Ewe under 1 year old .....
Cotswold, 1878.....	.....	224	.....	306	.....	130
" 1879.....	243	194	150	270	228	132
" 1880.....	236	196	114	271	.....	.....
" 1881.....	251	194	.....	244	226	121
" 1882.....	274	203	136	274	253	125
" 1883.....	267	213	202	.....	.....	.....
" 1884.....	277	167	110	.....	.....	.....
" 1885.....	249	202	128	.....	.....	.....
" 1886.....	229	188	114	.....	.....	.....
" 1887.....	247	196	125	.....	.....	.....
Average .....	252	198	135	275	235	127
Leicester, 1885 .....	247	208	132	.....	.....	.....
" 1886 .....	248	219	132	.....	.....	.....
" 1887 .....	253	213	126	.....	.....	.....
Average .....	249	213	130	.....	.....	.....
Lincoln, 1885 .....	261	198	121	.....	.....	.....
" 1886 .....	283	222	124	.....	.....	.....
" 1887 .....	265	185	134	.....	.....	.....
Average .....	270	202	126	.....	.....	.....
Other Long Wools, 1878 .....	.....	.....	.....	.....	.....	.....
" 1879 .....	266	.....	.....	.....	.....	113
" 1880 .....	281	.....	.....	.....	.....	111
" 1881 .....	.....	.....	.....	.....	.....	.....
" 1882 .....	267	255	151	238	204	.....
" 1883 .....	271	224	.....	.....	.....	.....
" 1884 .....	232	.....	.....	.....	.....	.....
Average .....	263	239	151	238	204	112
Southdown, 1878 .....	.....	.....	.....	.....	.....	.....
" 1879 .....	178	160	94	171	123	100
" 1880 .....	219	166	107	173	132	95
" 1881 .....	195	157	193	.....	.....	.....
" 1882 .....	206	194	114	195	.....	.....
" 1883 .....	228	176	97	.....	.....	.....
" 1884 .....	207	178	109	.....	.....	.....
" 1885 .....	219	183	117	.....	.....	.....
" 1886 .....	222	189	110	.....	.....	.....
" 1887 .....	216	183	119	.....	.....	.....
Average .....	210	176	118	169	130	97

## Class C—Sheep—Continued.

Breed.	Wether 2 years old or over....	Wether 1 and under 2 years old .....	Wether under 1 year old .....	Ewe 2 years old or over .....	Ewe 1 and under 2 years.....	Ewe under 1 year old .....
Shropshire, 1885.....	233	181	130	.....	.....	.....
“ 1886 .....	219	180	115	.....	.....	.....
“ 1887.....	247	174	117	.....	.....	.....
Average .....	230	178	117	.....	.....	.....
Hampshire, 1885 .....	240	224	118	.....	.....	.....
“ 1886 .....	243	208	132	.....	.....	.....
“ 1887 .....	252	195	137	.....	.....	.....
Average .....	245	209	129	.....	.....	.....
Oxford, 1885 .....	242	.....	102	.....	.....	.....
“ 1886 .....	277	209	123	.....	.....	.....
“ 1887 .....	221	193	127	.....	.....	.....
Average .....	247	201	117	.....	.....	.....
Other Middle Wools, 1878.....	.....	.....	.....	.....	.....	.....
“ 1879.....	213	.....	.....	213	185	.....
“ 1880.....	.....	184	.....	.....	196	89
“ 1881.....	226	181	.....	220	.....	.....
“ 1882.....	230	175	94	202	240	85
“ 1883.....	206	187	107	.....	.....	.....
“ 1884.....	239	179	151	.....	.....	.....
Average .....	223	181	117	216	208	87
American Merino, 1878.....	.....	.....	.....	.....	.....	.....
“ 1879.....	.....	.....	.....	.....	.....	.....
“ 1880.....	139	112	75	99	78	.....
“ 1881.....	.....	.....	.....	104	69	52
“ 1882.....	.....	.....	.....	.....	.....	.....
“ 1883.....	136	113	83	.....	.....	.....
Average .....	137	112	79	101	73	52
Other Fine Wools, 1878.....	.....	.....	.....	.....	.....	.....
“ 1879.....	.....	.....	.....	.....	.....	.....
“ 1880.....	.....	.....	.....	.....	.....	.....
“ 1881.....	.....	.....	.....	.....	.....	.....
“ 1882.....	.....	.....	.....	.....	.....	.....
“ 1883.....	.....	.....	.....	.....	.....	.....
Average .....	.....	.....	.....	.....	.....	.....
Grades or Crosses, 1878 .....	.....	.....	.....	.....	.....	.....
“ 1879.....	213	177	128	215	160	125
“ 1880.....	219	217	118	232	271	118
“ 1881.....	231	169	117	164	164	104
“ 1882.....	246	196	118	241	167	141
“ 1883.....	217	202	110	.....	.....	.....
“ 1884 .....	202	168	117	.....	.....	.....
“ 1885.....	243	203	123	.....	.....	.....
“ 1886.....	241	185	110	.....	.....	.....
“ 1887.....	216	176	125	.....	.....	.....
Average .....	225	188	118	.....	.....	.....



# Class C—Sheep.—Continued.

Consolidated average weights of the rings of the various breeds of Sheep and their crosses, exhibited in 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886 and 1887.

Breed.	Wether 2 years old or over....	Wether 1 and under 2 years old .....	Wether under 1 year old .....	Ewe 2 years old or over.....	Ewe 1 and under 2 years.....	Ewe under 1 year old .....
Cotswold.....	252	198	135	273	235	127
Leicester .....	249	213	130	.....	.....	.....
Lincoln .....	270	202	126	.....	.....	.....
Other Long Wools .....	263	239	151	238	204	112
Southdown.....	210	176	118	169	130	97
Shropshire.....	230	178	117	.....	.....	.....
Hampshire.....	245	209	129	.....	.....	.....
Oxford .....	247	201	117	.....	.....	.....
Other Middle Wools.....	223	181	117	211	208	87
American Merino.....	137	112	79	101	73	52
Grades or Crosses.....	225	188	118	213	165	122

## EARLY MATURITY.

### WETHER SHOWING MOST RAPID GROWTH.

#### Wether 2 and under 3 years,

Year.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1879.....	Leicester .....	969	300	0.31
1880.....	“ .....	971	282	0.29
1881.....	Cotswold.....	933	281	0.30
1882.....	“ .....	966	292	0.30
1883.....	.....	.....	.....	.....
1884.....	.....	.....	.....	.....
1885.....	.....	.....	.....	.....

#### Wether 1 and under 2 years.

1878.....	Cotswold.....	535	220	0.41
1879.....	“ .....	574	218	0.38
1880.....	Grade Oxford .....	612	232	0.38
1881.....	Cotswold .....	568	205	0.36
1882.....	Leicester .....	600	295	0.49
1883.....	.....	.....	.....	.....
1884.....	.....	.....	.....	.....
1885.....	.....	.....	.....	.....

#### Wether under 1 year.

1878.....	Cotswold.....	170	152	0.89
1879.....	“ .....	240	150	0.62
1880.....	“ .....	210	114	0.54
1881.....	Southdown.....	213	193	0.90
1882.....	Leicester .....	235	178	0.75
1883.....	Cotswold.....	218	192	0.88
1884.....	Southdown.....	167	112	0.67
1885.....	Shropshire-Leicester..	180	162	0.90
1886.....	Hampshire.....	144	146	1.01
1887.....	Southdown-Leicester..	189	221	1.17

DRESSED CARCASS.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age over 2 years.

Year .....	Name of Animal.	Breed.	Age in days.....	Live weight at slaughter ...	Weight of dressed carcass..	Per cent. net carcass to gross or live weight .....	Weight of pelt.....	Weight of tallow .....	Per cent carcass, pelt and tallow to gross weight....	Weight of head.....	Weight of lungs and heart..	Weight of liver and melt ...	Weight of paunch and intes- tines.....	Weight of blood.....	Shrinkage.....	Per cent. offal and shrink- age to live weight .....
1887..	Average 15 animals .....	.....	975	230	151	.65	19	9	.78	6	4	2½	27	4½	7½	.32
1886..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885..	Average 4 animals.....	.....	942	217	141	.65	17	.....	.73	5½	5¾	.....	37¾	8	2¾	.27
1884..	" 2 .....	.....	961	248	157	.63	26	6	.76	6	3	2	34	7	7	.24
1883..	" 2 .....	.....	945	196	131	.66	17	7½	.79	5	3	2	20½	8½	2½	.21

First Premium Animals.

1887..	Non Such.....	Southdown .....	981	197	130	.66	15	10	.79	5½	3	2	25	6½	.....	.21
1886..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885..	Perfection .....	Oxford .....	927	182	107	.59	15	.....	.67	4½	5	.....	41	6½	3	.33
1884..	Model.....	Shropshire .....	976	272	186½	.68	23½	8	.80	6	3	2	29	8	6	.20
1883..	Quality .....	" .....	952	148	91½	.62	13½	6	.75	4	3	2	20	6	2	.25



Age 1 and under 2 years.

1887..	Average 10 animals.....	570	177	109	.61½	15	9	.75	5	3	2	23	6.4	4	.25
1886..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885..	Average 4 animals.....	630	184	116½	.63	15¾	.....	.72	5¼	5¼	.....	32	7	1¾	.28
1884..	“ 4 .....	599	171	105	.61	16	5	.74	5	3	3	25	5	4	.26
1883..	“ 3 .....	574	199	123½	.62	21	9	.77	5	3	2	24½	9	3	.23

First Premium Animals.

1887..	Graham.....	540	180	112	.62	16	7	.75	5	2	2	25	6½	4½	.25
1886..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885..	Becker.....	583	179	105½	.59	18½	.....	.69	5	6	.....	34½	6½	3	.31
1884..	Jack.....	597	185	116	.63	18½	8	.77	5	2½	2	22	5½	5½	.23
1883..	Hero.....	583	193	113	.58	23½	6	.74	5½	3	2	29	9	2	.26
1883..	Cotswold.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1884..	Grade Southdown .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885..	Cotswold.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1886..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1887..	Lincoln.....	540	180	112	.62	16	7	.75	5	2	2	25	6½	4½	.25

Age under 1 year

1887..	Average 3 animals.....	218	117	64	.53	14	4	.69	4½	2	1¾	20	5	3½	.31
1886..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885..	Average 1 animals.....	266	128	73	.57	12	.....	.66	4½	4	.....	25	5	5½	.24
1884..	“ 2 .....	168	104	57	.55	13½	3½	.71	3½	2	1	15½	3	5	.29
1883..	“ 3 .....	198	114	64	.57	14	3	.71	3½	2	2	16½	6	3	.29

First Premium Animals.

1887..	Delos .....	253	128	75	.58	13	5	.73	4	2	2	19	5	3	.27
1886..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885..	Big Ben .....	266	128	73	.57	12	.....	.66	4½	4	.....	25	5	5½	.34
1884..	Harry.....	151	112	64½	.57	13	4	.73	3½	2	1	15½	3	5½	.27
1883..	Curly .....	200	121	70½	.58	15	4	.74	3½	2	1½	16	6	2½	.26
1883..	Oxford-Cotswold.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1884..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1886..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1887..	Southdown .....	253	128	75	.58	13	5	.73	4	2	2	19	5	3	.27

## CLASS D—SWINE.

Average weight of the rings of the various breeds of Hogs and their crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886 and 1887 Fat Stock Shows:

Breed.	Barrow 2 years old or over ....	Barrow 12 and under 18 mos..	Barrow under 1 year and over 6 months.....	Barrow under 6 months.....	Sow 2 years old or over .....	Sow 1 and under 2 years old.....	Sow under 1 year and over 6 months.....	Sow under 6 months.....
Berkshire, 1878.....						452		
" 1879.....		469		190	635	510	351	162
" 1880.....						446		
" 1881.....		428				463		
" 1882.....		408	260			425	372	
" 1883.....		427	370					
" 1884.....		415						
" 1885.....		437	284					
" 1886.....		443	336	147				
" 1887.....		476	374	191				
Average .....		438	325	176	635	459	361	162
Poland-China, 1878.....	651	501	379	192	577			203
" 1879.....	745	521	330	193	624	484	339	147
" 1880.....		490	272			445	263	
" 1881.....		520				557	306	
" 1882.....		455	298			466	326	
" 1883.....		420	282					
" 1884.....		448	299					
" 1885.....		437	227					
" 1886.....		437	387	192				
" 1887.....		450	364	211				
Average .....	698	468	315	197	600	488	308	175
Chester White, 1878.....	644							
" 1879.....								
" 1880.....		248				381	287	
" 1881.....		385				307	246	
" 1882.....		556	280			473	342	
" 1883.....		544	385					
" 1884.....								
" 1885.....		514	455					
" 1886.....		502	278	266				
" 1887.....		459	341	194				
Average .....	644	458	348	230		387	291	
Victoria, 1882.....		446	350			461	220	
" 1883.....		422	330					
" 1884.....		402	200					
" 1885.....		405	226					
" 1886.....		505	369	220				
" 1887.....		456	307	201				
Average .....		439	297	210		461	220	
Duroc Jersey Red, 1882.....		504	335			405	320	
" 1883.....		483	354					
" 1884.....		473	428					
" 1885.....		578	439					
" 1886.....		410	219					
" 1887.....		555	362	191				
Average .....		500	356	191		405	320	



## Class D—Swine—Continued.

Breed.	Barrow 2 years old or over ....	Barrow 12 and under 18 mos..	Barrow under 1 year and over 6 months.....	Barrow under 6 months.....	Sow 2 years old or over .....	Sow 1 and under 2 years.....	Sow under 1 year and over 6 months.....	Sow under 6 months.....
Essex, 1878.....						470		
“ 1879.....	472	295		162	440	276	317	153
“ 1880.....								
“ 1881.....				212		366	216	
“ 1882.....		437	228			405	230	
“ 1883.....		416	285					
“ 1884.....		509	313					
“ 1885.....		394						
“ 1886.....		424	292	221				
“ 1887.....		382	282	129				
Average.....	472	408	280	181	440	379	254	153
Other Small Breeds, 1878.....								
“ “ 1879.....						410	370	
“ “ 1880.....								
“ “ 1881.....								
Average.....						410	370	
Yorkshire, 1884.....			313					
“ 1885.....			263					
“ 1886.....		451	319					
“ 1887.....		386	290	165				
Average.....		418	296	165				
Suffolk, 1884.....		310	189					
“ 1885.....		359	237					
“ 1886.....		421	249	125				
“ 1887.....		323	266	150				
Average.....		353	235	137				
Grades or Crosses, 1878.....		522	298					
“ “ 1879.....	589	436	361		620	478	365	
“ “ 1880.....		490	350			306	353	
“ “ 1881.....		410	326			460	319	
“ “ 1882.....		477	326			404	320	
“ “ 1883.....		456	283					
“ “ 1884.....		444	385					
“ “ 1885.....		480	242					
“ “ 1886.....		477	304	216				
“ “ 1887.....		454	295	189				
Average.....	589	464	317	202	620	412	346	

Consolidated average weights of rings of the various breeds of Hogs and their crosses exhibited in 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886 and 1887:

Berkshire.....		438	325	176	635	459	391	162
Poland-China.....	698	468	315	197	600	488	308	175
Chester White.....	644	458	348	230		387	291	
Victoria.....		439	297	210		461	220	
Duroc Jersey Red.....		500	356	191		405	320	
Essex.....	472	408	280	181	440	379	254	153
Yorkshire.....		418	296	165				
Suffolk.....		353	235	137				
Grades or Crosses.....	589	464	317	202	620	412	346	

*Class D—Swine—Continued.*

## EARLY MATURITY.

## BARROWS SHOWING MOST RAPID GROWTH.

Barrow 1 and under 2 years.

Year.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878.....	Suffolk Cross.....	439	522	1.19
1879.....	Grade Suffolk.....	431	473	1.09
1880.....	Poland-China.....	467	483	1.03
1881.....	“.....	385	444	1.15
1882.....	Jersey Red.....	416	533	1.28
1883.....	.....	.....	.....	.....
1884.....	.....	.....	.....	.....

Barrow under 1 year.

1878.....	Poland-China.....	158	203	1.28
1879.....	“.....	237	334	1.40
1880.....	“.....	185	217	1.17
1881.....	Essex.....	177	207	1.16
1882.....	Chester White.....	200	280	1.40
1883.....	Grade Victoria.....	189	277	1.46
1884.....	Duroc Jersey Red.....	350	370	1.00
1885.....	Grade Poland-China....	162	262	1.62
1886.....	Poland-China-Yorkshire	125	215	1.72
1887.....	Ch. White-Poland C....	198	333	1.68



DRESSED CARCASS.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age 12 and under 18 months.

Year.....	Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days .....	Live weight at slaughter	Weight dressed carcass and head .....	Per cent. carcass and head to gross weight .	Weight lungs and heart.	Weight liver and melt..	Weight paunch.....	Weight guts.....	Weight blood.....	Weight hair, wet. ....	Shrinkage.....	Per cent. ofal, including shrinkage, to gross or live weight .....
1887	Average 11 animals.....	.....	.....	492	444	383	.86	5	4	5½	21	9	4	11	.04
1886	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885	Average 10 animals.....	.....	.....	462	441	383	.87	9½	.....	.....	26	8½	5¼	9	.13
1884	" .....	.....	.....	484	469	402	.86	5	5	7	23	6	6	15	.14
1883	" .....	.....	.....	465	432	375	.88	4	4	7	19	6	3	14	.12
1882	" .....	.....	.....	486	477	412	.86	3	4	3	17	6	5	27	.14

First Premium Animals.

1887	L. C. Henley, Mattoon, Ill .....	King .....	Yorkshire.....	477	431	371	.86	4½	4	4	20	8	5	14½	.14
1886	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885	L. C. Henley, Mattoon, Ill.....	Jim .....	Yorkshire-P.China	381	459	398	.87	8½	.....	.....	25½	7	6½	13½	.13
1884	Stone & Loake, Stonington, Ill.....	Josota Chief.....	Poland-China. ....	532	580	507½	.87	4½	7	8½	23	8½	6	15	.13
1883	Taylor Bros. ....	Andy .....	Chester White.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1882	Scheidt & Davis, Dyer, Ind .....	Bouncer. ....	Victoria. ....	539	579	505	.87	4	4½	2	18½	8	5½	31½	.13

Dressed Carcass—Continued.

Age under 1 year.

Year.....	Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days .....	Live weight at slaughter	Weight dressed carcass and head. ....	Per cent. of carcass and head to gross weight..	Weight lungs and heart.	Weight liver and melt..	Weight paunch. ....	Weight guts.....	Weight blood .....	Weight hair, wet.....	Shrinkage. ....	Per cent. offal, including shrinkage, to gross or live weight .....
1887	Average 14 animals.....	.....	.....	264	278	236	.85	3.4	3.3	4	15	7	4	6	.15
1886	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885	Average 9 animals.....	.....	.....	258	286	243	.85	6¾	.....	.....	19½	6¾	4½	5½	.15
1884	" 6 .....	.....	.....	286	323	280	.87	3	3½	4	16	4½	4½	8½	.13
1883	" 6 .....	.....	.....	259	275	232	.84	3	4	3	16	5	3	9	.16
1882	" 3 .....	.....	.....	281	316	272	.86	3	4	2	13	4	3	15	.14

First Premium Animals.

1887	S. H. Todd, Wakeman, O .....	Tempest 2d.....	Chester White.....	195	217	180	.83	3	3	2	14	6	5	4	.17
1886	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1885	L. C. Henley, Mattoon, Ill.....	Sam. ....	Yorkshire. ....	227	291	252	.87	7	.....	.....	18	6½	4	3½	.13
1884	" .....	John .....	" .....	357	331	291	.88	3	3	2½	15	7½	4	6	.12
1883	R. J. Stone, Stonington, Ill.....	Fatty .....	Victoria. ....	251	295	258	.88	2	3	2½	13½	5½	4	6½	.12
1882	Scheidt & Davis, Dyer, Ind.....	Dick.....	" .....	322	330	330	.87	3	4	2	16	4	2½	18½	.13





## Class A—Cattle—Continued.

Cattle.	Short-Horn.....	Hereford.....	Devon .....	Aberdeen-Angus .....	Range .....	Holstein.....	Sussex .....	Grades or Crosses...	All Breeds and Grades by ages.....	Sweepstakes .....	Grand Sweepstakes...	Pen of Cattle.....	Dressed Bullocks ....	Heaviest Fat Steer....	Gain per day.....	Cost of Production...	Total .....
All ages.																	
1878.....											21						21
1879.....											63						63
1880.....											58			13			71
1881.....											30			10			40
1882.....											27			7			34
1883.....											89			8			97
1884.....											13		30	4			47
1885.....	4	3		4				5			7		4	11			38
1886.....	4	3	4	3		2	1	4			9	36	1	9			76
1887.....	4	3	4	4	4		3	4			7	36	3	11			83
Total.																	
1878.....	18	8	5					36		46	21	4					138
1879.....	25	12	5	1				88		84	63	9		7			303
1880.....	13	6	3					61		60	58	4	7	13	30		255
1881.....	14	5	8					74		66	30	6	6	10	28		247
1882.....	16	7						63		59	27	8	11	7	31	9	238
1883.....	21	20		6				109		28	89	9	24	8	33	11	458
1884.....	29	14		5		2		106	118	12	13	20	58	4	53		434
1885.....	21	18		10		2	1	125	14		7	23	43	11	71	14	360
1886.....	33	11	16	11		4	2	96	21		9	36	30	9	66	18	362
1887.....	40	13	14	14	9		7	114	22		7	36	30	11	83	14	414





## Class C—Sheep—Continued.

Sheep.														
	Cotswold	Leicester	Lincoln	Other long wools	Southdown	Shropshire	Hampshire	Oxford	Other downs	American Merino	Other fine wools	Grades or crosses	Sweepstakes	Grand sweepstakes
Total														
Cost of Production														
Gain per day														
Heaviest fat Sheep														
Dressed carcass														
Pen weathers														
Grand sweepstakes														
Sweepstakes														
Grades or crosses														
Other fine wools														
American Merino														
Other downs														
Oxford														
Hampshire														
Shropshire														
Southdown														
Other long wools														
Lincoln														
Leicester														
Cotswold														
Ewe under 1 year—														
1878														2
1879	4			1	1									13
1880				1	2				1					11
1881	5													19
1882	1								1	1				9
1883														
All ages—														
1878													9	9
1879													49	49
1880													19	26
1881													14	20
1882													23	30
1883													19	31
1884													3	8
1885													3	23
1886													3	67
1887													9	111
Total entries—														
1878	6												9	24
1879	44			3	31				7				50	284
1880	9			2	21				4	8			19	138
1881	21				13				4				20	121
1882	15			9	10				14	6			22	145
1883	18			6	8				13	12			23	159
1884	4	1			17				10				24	91
1885	13	10	9		20	10	12	8					27	162
1886	13	10	9		27	25	9	15					28	246
1887	11	13	11		28	23	13	12					45	297



## CLASS D--SWINE.

Table giving the number of entries of Swine of the several ages and breeds, including grades and crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886 and 1887 Fat Stock Shows:

Swine.	Berkshire	Poland-China	Chester White	Victoria	Duroc Jersey Red	Essex	Yorkshire	Suffolk	Other small breeds	Grades or Crosses	Sweepstakes	Grand Sweepstakes	Pen barrows	Heaviest fat Hog	Dressed carcass	Gain per day	Total
Barrow 2 years old or over—																	
1878	2	1									4						7
1879	2					2					3						7
1880																	
1881																	
1882																	
1883																	
Barrow 1 year old and under 2 years—																	
1878		2								1	7						10
1879	5	6				2				2	15						30
1880		3								3	5						11
1881	1	3	1							1	7						13
1882	3	13	3	2	3	4				5	23		3		3		61
1883	4	13	3	9	5	4				11	23		4		5		82
1884	1	14		3	5	1		3		8	7		5		7		54
1885	1	12	5	1	4	3		3		11	8		6		10		64
1886	22	5	3	3	5	3	3	3		6	9				11		73
1887	4	8	3	5	3	4	3	1		8	9				11		59
Barrow 6 months old and under 1 year—																	
1878		3								2	5						10
1879		4								2	7						13
1880		2								2	3						9
1881						3				2	5						10
1882	1	2	1	3	2	4				1	10				3		27
1883	2	6	1	6	1	3				4	18				6		48
1884		3		1	3	3	3	3		2	6		3		6		33
1885	2	7	4	4	3		4	3		3	7		5		9		61
1886	9	3	1	5	2	4	3	2		6	9				12		56
1887	1	3	4	4	3	4	2	3		11	9				14		58
Barrow under 6 months old—																	
1878		1									3						4
1879	5	2				1					7						15
1880																	
1881																	
1882																	
1883																	
1886	3	3	1	4		1		1		5	7						25
1887	1	2	3	3	2	3	1	1		5	9						30

## Class D—Swine—Continued.

Swine.	Berkshire	Poland-China	Chester White	Victoria	Duroc Jersey Red	Essex	Yorkshire	Suffolk	Other small breeds	Grades or Crosses	Sweepstakes	Grand Sweepstakes	Pen barrows	Heaviest fat Hog	Dressed carcass	Gain per day	Total
Sow 2 years old or over—																	
1878																	1
1879	1					3				3	8						18
1880																	
1881																	
1882																	
1883																	
Sow 1 and under 2 years—																	
1878	2	1				1											4
1879	1	3				2				2	3						11
1880	1	1	1							2	3						8
1881	1	1	1			2				2	1						15
1882	1	7	3	1	1	2				1	11						27
1883																	
Sow 6 months old and under 1 year—																	
1878																	
1879	3	3							4	1	8						19
1880		3	2							2	5						12
1881		2	2			3				4	7						18
1882	2	4	2	1	1	4					9						23
1883																	
Sow under 6 months old—																	
1878		1															1
1879	3	1				2					6						12
1880																	
1881																	
1882																	
1883																	
All Ages—																	
1885	2	2	2	2	2	1	1	1		2							15
1886	3	3	3	3	2	3	2	3		3							25
1887	3	3	3	3	3	3	3	3		3	11	54	5		8		105
Total—																	
1878	2	11	1			1				3	19	13					50
1879	18	24				12			4	10	57	16	1				142
1880	1	9	5							9	16	14		2			56
1881	3	6	4			8				9	26	16		10			82
1882	7	29	8	7	7	14				7	53	42	3	5	6		185
1883	6	19	4	15	6	7				17	41	26	4	7	11	13	174
1884	1	17		4	8	4	3	6		10	13	2	8	5	13	7	101
1885	5	21	11	7	9	4	5	7		26	15	10	11	4	19	14	168
1886	37	14	8	15	9	11	8	9		20	25	10	33	8	23	16	246
1887	9	16	13	15	11	14	9	8		27	27	11	54	5	25	8	252



## CLASS N—DAIRY.

## ILLINOIS BUTTER.

## Dairy Butter.

Year.	Entries.	No. of points.
1885 .....	13	82
1886 .....	6	76
1887 .....	6	72

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	T. Bacon, Wanconda.....	85
1886	W. R. Hostetter, Mt. Carroll.....	87½
1887	Richard Hawkey, Harlem, Ill.....	86½

## Creamery Butter—Whole Milk.

Year.	Entries.	No. of points.
1885 .....	3	89
1886 .....	28	82¼
1887 .....	6	76

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	D. C. Woolverton, Belvidere .....	90
1886	J. Colvin, Kingston.....	90½
1887	Aurora Creamery Co., Aurora, Ill.....	86½

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1885 .....	21	88
1886 .....	2	84½
1887 .....	2	80¼

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	Doolittle & Barnes, Onarga.....	93
1886	C. G. Waite, Belvidere .....	85
1887	L. McDonough, Davis Junction.....	84½

## INDIANA BUTTER.

## Dairy Butter.

Year.	Entries.	No. of points.
1885 .....	3	68
1886 .....	3	73¼
1887 .....	2	75¾

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	H. C. Beckman, Brunswick.....	72
1886	Geo. F Davis & Co., Dyer.....	86
1887	H. C. Beckman, Brunswick.....	84

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1885.....	2	83½
1886.....		
1887 .....		

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	John T. Clark, Clinton .....	91
1886	.....	
1887	.....	

## IOWA BUTTER.

## Dairy Butter.

Year.	Entries.	No. of points.
1885.....	3	80
1886.....	7	77¾
1887 .....	8	74¼



## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	Mrs. P. G. Henderson, Central City.....	89
1886	Thos. B. Wales, Jr., Iowa City.....	81½
1887	P. L. Yonker, Hampton.....	86½

## Creamery Butter—Whole Milk.

Year.	Entries.	No. of points.
1885 .....	1	77
1886 .....	1	79½
1887 .....		

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	P. G. Henderson, Central City.....	77
1886	A. M. Bingham, Jesup.....	79½
1887	.....	

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1885 .....	1	76
1886 .....		
1887 .....		

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	Summerfield Creamery Co., Postville.....	76
1886	.....	
1887	.....	

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1885 .....	6	83
1886 .....	3	80¾
1887 .....		

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	Wm. Beard & Sons, Decorah.....	87
1886	C. W. Sibley & Co., State Center .....	79½
1887	.....	.....

## MICHIGAN BUTTER.

## Dairy Butter.

Year.	Entries.	No. of points.
1885 .....	1	86
1886 .....	2	74½
1887 .....	2	71¾

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	G. B. & C. S. Smith, Eagle.....	86
1886	Ogden Cole, Addison.....	77½
1887	“ “ .....	75½

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1885 .....	.....	.....
1886 .....	1	80½
1887 .....	1	73½

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	.....	.....
1886	S. O. Giddings, Romeo.....	82½
1887	Peerless Creamery Co, Romeo .....	73½

## MINNESOTA BUTTER.

## Dairy Butter.

Year.	Entries.	No. of points.
1885 .....	3	80
1886 .....	3	67½
1887 .....	2	76½



## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	Frank D. Holmes, Owatonna .....	83
1886	Clover Lawn Creamery, Owatonna.....	79
1887	F. D. Holmes, Owatonna .....	81

## Creamery Butter—Whole Milk.

Year.	Entries.	No. of points.
1885 .....		
1886 .....	1	84
1887 .....	2	86¾

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	.....	
1886	Clover Lawn Creamery, Owatonna.....	84
1887	A. F. Jones, Clear Lake .....	87½

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1887 .....	1	86½

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1887	F. D. Holmes, Owatonna.....	86½

## WISCONSIN BUTTER.

## Dairy Butter.

Year.	Entries.	No. of points.
1885 .....	10	75
1886 .....	4	79¾
1887 .....		

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885....	W. N. McConnell, Dartford.....	86
1886....	Charles R. Beach, Whitewater.....	86½
1887....	.....	.....

## Creamery Butter—Whole Milk.

Year.	Entries.	No. of points.
1885 .....	.....	.....
1886 .....	3	80
1887 .....	.....	.....

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885....	.....	.....
1886....	E. B. Fargo, Lake Mills.....	84½
1887....	.....	.....

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1885.....	1	76
1886.....	1	80
1887.....	2	79¾

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	George H. White, Ft. Atkinson.....	76
1886	Charles Jorgensen, Racine.....	80
1887	Thayer Refrigerator Co.....	86½

## BUTTER MADE IN CANADA OR STATES NOT NAMED.

## Dairy Butter.

Year.	Entries.	No. of points.
1885.....	2	74½
1886.....	5	71¾
1887.....	2	77¼



## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	Leeds & Ferguson, Philadelphia, Pa.....	76
1886	F. C. Stevens, Attica, N. Y.....	77
1887	N. L. Smith, Lindenville, O.....	79

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1885.....	1	77
1886.....	3	78
1887.....	1	89

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	Table Rock Creamery Association, Table Rock, Neb.. .. .	77
1886	Sutton Creamery Association, Sutton, Neb.....	82
1887	Adams & Sons, Chillicothe, Mo.....	89

## SWEEPSTAKES.

## Dairy Butter.

Year.	Entries.	No. of points.
1885 .....	8	81
1886 .....	7	82
1887 .....	6	80

## First Premium Butter.

Year,	Exhibitor.	No. of points.
1885	Mrs. P. G. Henderson, Central City, Ia.....	89
1886	W. R. Hostetter, Mt. Carroll, Ill.....	87½
1887	P. L. Yonker, Hampton, Ia.....	86½

## Creamery Butter—Whole Milk.

Year.	Entries.	No. of points.
1885 .....	1	77
1886 .....	4	84½
1887 .....	2	87

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	P. G. Henderson, Central City, Ia.....	77
1886	J. Colvin, Kingston, Ill.....	90½
1887	A. F. Jones, Clear Lake, Minn.....	87

## Creamery Butter—Gathered Cream.

Year.	Entries.	No. of points.
1885.....	6	83
1886.....	5	82½
1887.....	6	82

## First Premium Butter.

Year.	Exhibitor.	No. of points.
1885	A. J. Negus, Marengo, Ill.....	93
1886	C. G. Waite, Belvidere, Ill.....	85
1887	Adams & Sons, Chillicothe, Mo.....	89

## GRAND SWEEPSTAKES.

## Best Butter in the Show.

Year.	Entries.	No. of points.
1885.....	4	83
1886.....	5	85¾
1887.....	3	88

## Grand Sweepstakes Butter.

Year.	Exhibitor.	No. of points.
1885	A. J. Negus, Marengo, Ill.....	93
1886	J. Colvin, Kingston, Ill.....	90½
1887	Adams & Sons, Chillicothe, Mo.....	89

## PRINT BUTTER.

## Butter made in Illinois.

Year.	Entries.	No. of points.
1885.....	6	77
1886.....	1	66
1887.....	1	82½



Butter made in Indiana.

First Premium Butter made in Indiana.

Butter made in Iowa.

First Premium Butter made in Iowa.

Butter made in Michigan.

First Premium Butter made in Michigan.

Year.	Exhibitor.	No. of points.
1885	G. B. & C. S. Smith, Eagle.....	78
1886	.....	.....
1887	.....	.....

Butter made in Minnesota.

Year.	Entries.	No. of points.
1885 .....	2	95
1886 .....	3	68¼
1887 .....	1	87

First Premium Butter made in Minnesota.

Year.	Exhibitor.	No. of points.
1885	A. P. Foster, Plainview.....	96
1886	Clover Lawn Creamery, Owatonna.....	81½
1887	F. D. Holmes, Owatonna .....	87

Butter made in Wisconsin.

Year.	Entries.	No. of points.
1885 .....	1	77
1886 .....	.....	.....
1887 .....	.....	.....

First Premium Butter made in Wisconsin.

Year.	Exhibitor.	No. of points.
1885	D. LeBaron, Ripon.....	77
1886	.....	.....
1887	.....	.....

Butter made in Canada or States not named.

Year.	Entries.	No. of points.
1885 .....	4	78
1886 .....	4	67¼
1887 .....	1	76½



## First Premium Butter made in Canada, etc

Year.	Exhibitor.	No. of points.
1885	Smiths, Powell & Lamb, Syracuse, N. Y.....	96
1886	N. L. Smith, Lindenville, O.....	77
1887	.....	76½

## Print Butter—Sweepstakes.

Year.	Entries.	No. of points.
1885 .....	9	81
1886 .....	4	73
1887 .....	5	82

## First Premium Print Butter.

Year.	Exhibitor.	No. of points.
1885	Smiths, Powell & Lamb, Syracuse, N. Y.....	96
1886	N. L. Smith, Lindenville, O.....	77
1887	F. D. Holmes, Owatonna, Minn.....	87

## BUTTER FROM MILK OF ONE RECORDED COW.

## Jersey Butter.

Year.	Entries.	No. of points.
1885 .....	9	80
1886 .....	4	70¾
1887 .....	2	76¾

## First Premium Jersey Butter.

Year.	Exhibitor.	No. of points.
1885	A. P. Foster, Plainview, Minn, .....	92
1886	N. L. Smith, Lindenville, O .....	85
1887	H. C. Beckman, Brunswick, Ind. ....	82

## Holstein-Friesian Butter.

Year.	Entries.	No. of points.
1885 .....	3	82
1886 .....	6	70¼
1887 .....	2	82½

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## Butter from Unrecorded, Grade or Cross-bred Cow.

Year.	Entries.	No. of points.
1885 .....		
1886 .....	6	70½
1887 .....	8	79

## First Premium Butter from Unrecorded, etc., Cow.

Year.	Exhibitor.	No. of points.
1885 .....		
1886 .....	Clover Lawn Creamery, Owatonna, Minn.....	84
1887 .....	P. L. Yonker, Hampton, Iowa.....	85½

## Sweepstakes Butter from one Cow.

Year.	Entries.	No. of points.
1885 .....	4	85
1886 .....	5	69¾
1887 .....	5	82

## First Premium Butter from one Cow.

Year.	Exhibitor.	No. of points.
1885 .....	A. P. Foster, Plainview, Minn.....	92
1886 .....	N. L. Smith, Lindenville, O.....	85
1887 .....	Thos. B. Wales, Jr., Iowa City, Ia.....	89½

## MISCELLANEOUS.

## Display of Fancy Prints in Shipping Case.

Year.	Entries.	No. of points.
1885 .....	5	83
1886 .....	2	No score.....
1887 .....	3	73

## First Premium Display, etc.

Year.	Exhibitor.	No. of points.
1885 .....	Charles Creamery Company, Chicago, Ill .....	90
1886 .....	Clover Lawn Creamery Company, Owatonna, Minn.....	No score.....
1887 .....	F. D. Holmes, Owatonna, Minn .....	82½

## Novel Design made of Butter.

Year.	Entries.	No. of points.
1885 .....	1	No score.....
1886 .....	2	“ .....
1887 .....	1	“ .....

## First Premium Design.

Year.	Exhibitor.	No. of points.
1885	F. D. Holmes, Owatonna, Minn.....	No score.....
1886	Clover Lawn Creamery, Owatonna, Minn.....	“ .....
1887	F. D. Holmes, Owatonna, Minn .....	“ .....

## Display Granulated Butter in Glass.

Year.	Entries.	No. of points.
1885 .....	37	No score. . .
1886 .....	4	“ .....
1887 .....	6	“ .....

## First Premium Granulated Butter.

Year.	Exhibitor.	No. of points.
1885	C. E. Feakins, Kirkland, Ill.....	No score.....
1886	Clover Lawn Creamery, Owatonna, Minn.....	“ .....
1887	N. L. Smith, Lindenville, O .....	“ .....

## Butter made in the Building.

Year.	Entries.	No. of points.
1887 .....	2	75

## First Premium Butter made in the Building.

Year.	Exhibitor.	No. of points.
1887	R. Lespinasse, Chicago, Ill .....	77¼



## CHEESE.

## ILLINOIS CHEESE.

## Cheddar Cheese.

Year.	Entries.	No. of points.
1885 .....	2	80
1886 .....	1	81½
1887 .....	2	83½

## First Premium Cheddar Cheese.

Year.	Exhibitor.	No. of points.
1885	D. C. Woolverton, Belvidere .....	90
1886	P. O. Hallbeck, West Salem .....	81½
1887	“ “ .....	86

## Flat Cheese.

Year.	Entries.	No. of points.
1885 .....	1	90
1886 .....	6	75¾
1887 .....	2	86¾

## First Premium Flat Cheese.

Year.	Exhibitor.	No. of points.
1885	D. C. Woolverton, Belvidere .....	90
1886	Charles S. Wiley, Charleston .....	79
1887	P. O. Hallbeck, West Salem .....	89

## Young America Cheese.

Year.	Entries.	No. of points.
1885 .....	1	92
1886 .....	1	78½
1887 .....	2	86¼

## First Premium Young America Cheese.

Year.	Exhibitor.	No. of points.
1885	D. C. Wolverton, Belvidere .....	92
1886	P. O. Hallbeck, West Salem .....	78½
1887	“ “ .....	87

## Full Cream Cheese, any other variety.

Year.	Entries.	No. of points.
1885 .....	9	73
1886 .....	1	76
1887 .....	2	82

## First Premium Full Cream Cheese.

Year.	Exhibitor.	No. of points.
1885	Milo Munger, Harvard.....	85
1886	P. O. Hallbeck, West Salem.....	76
1887	“ “ .....	82

## IOWA CHEESE.

## Cheddar Cheese.

Year.	Entries.	No. of points.
1885 .....	1	79
1886 .....	1	83
1887 .....	1	73

## First Premium Cheddar Cheese.

Year.	Exhibitor	No. of points.
1885	J. E. Neely, Grinnell.....	79
1886	“ “ .....	83
1887	“ “ .....	73

## Flat Cheese.

Year.	Entries.	No. of points.
1885 .....	1	78
1886 .....	1	85
1887 .....	1	84½

## First Premium Flat Cheese.

Year.	Exhibitor.	No. of points.
1885	J. E. Neely, Grinnell .....	78
1886	“ “ .....	85
1887	“ “ .....	84½



## Young America Cheese.

Year.	Entries.	No. of points.
1885 .....	1	82
1886 .....	1	77½
1887 .....	1	89

## First Premium Young America Cheese.

Year.	Exhibitor.	No. of points.
1885	J. E. Neely, Grinnell, Ia.....	82
1886	“ “ “ .....	77½
1887	“ “ “ .....	89

## Full Cream Cheese, any other variety.

Year.	Entries.	No. of points.
1885.....	1	25
1886.....	2	60
1887.....	2	69½

## First Premium Full Cream Cheese.

Year.	Exhibitor.	No. of points.
1885	A. M. Bingham, Jesup, Ia.....	25
1886	J. E. Neely, Grinnell, Ia.....	81
1887	“ “ “ .....	86½

## MINNESOTA CHEESE.

## Cheddar Cheese.

Year.	Entries.	No. of points.
1885.....	1	51
1886.....	1	62½
1887.....	4	77

## First Premium Cheddar Cheese.

Year.	Exhibitor.	No. of points.
1885	F. D. Holmes, Owatonna, Minn.....	51
1886	Clover Lawn Creamery, Owatonna, Minn.....	62½
1887	A. F. Jones, Clear Lake, Minn.....	89

## Flat Cheese.

Year.	Entries.	No. of points.
1887 .....	3	84

## First Premium Flat Cheese.

Year.	Exhibitor.	No. of points.
1887	F. D. Holmes, Owatonna, Minn.....	92

## Young America Cheese.

Year.	Entries.	No. of points.
1887 .....	2	77¾

## First Premium Young America Cheese.

Year.	Exhibitor.	No. of points.
1887	A. F. Jones, Clear Lake, Minn.....	82

## Full Cream Cheese.

Year.	Entries.	No. of points.
1887 .....	3	69

## First Premium Full Cream Cheese.

Year.	Exhibitor.	No. of points.
1887	A. F. Jones, Clear Lake, Minn.....	80

## WISCONSIN CHEESE.

## Cheddar Cheese.

Year.	Entries.	No. of points.
1885 .....	6	83
1886 .....	8	77¼
1887 .....	5	92



First Premium Cheddar Cheese.

Year.	Exhibitor.	No. of points.
1885	H. Z. Fish, Richland Centre. ....	92
1886	Fred E. Carswell, Lone Rock.....	94
1887	H. Z. Fish, Richland Centre.....	96

### Flat Cheese.

Year.	Entries.	No. of points.
1885 .....	1	90
1886 .....	9	82
1887 .....	5	84

First Premium Flat Cheese.

Year.	Exhibitor.	No. of points.
1885	E. P. Ingalls, Milford.....	90
1886	Fred E. Carswell, Lone Rock.....	87½
1887	“ “ “.....	92

### Young America Cheese.

Year.	Entries.	No. of points.
1885 .....	.....	.....
1886 .....	1	68
1887 .....	1	90½

First Premium Young America Cheese.

Year.	Exhibitor.	No. of points.
1885	.....	.....
1886	H. J. Bamford, Plymouth.....	68
1887	H. Z. Fish, Richland Centre.....	90½

Full Cream Cheese, any other variety.

Year.	Entries.	No. of points.
1885 .....	2	85
1886 .....		
1887 .....		

First Premium Full Cream Cheese.

Year.	Exhibitor.	No. of points.
1885	F. D. Widder, Brillion.....	90
1886	.....	.....
1887	.....	.....

CHEESE MADE IN CANADA OR ANY STATE NOT NAMED.

### Cheddar Cheese.

Year.	Entries.	No. of points.
1856	2	71
1857	4	75

First Premium Cheddar Cheese.

Year.	Exhibitor.	No. of points.
1885	.....	.....
1886	H. W. Durkee, Melbern, O.....	74
1887	“ “ ..... .....	80½

### Flat Cheese.

Year.	Entries.	No. of points
1885 .....	1	76
1886 .....	2	77¾
1887 .....	4	79

### First Premium Flat Cheese.

Year.	Exhibitor.	No. of points
1885	H. W. Durkee, Melbern, O.....	76
1886	.....	83
1887	E. A. Fobes, Lindenville, Ohio .....	84

## Young America Cheese.

Year.	Entries.	No. of points.
1887 .....	2	76



## First Premium Young America Cheese.

Year.	Exhibitor.	No. of points.
1887	E. A. Fobes, Lindenville, Ohio .....	76

## Full Cream Cheese.

Year.	Entries.	No. of points.
1887 .....	2	79¼

## First Premium Full Cream Cheese.

Year.	Exhibitor.	No. of points.
1887	E. A. Fobes, Lindenville, Ohio .....	82½

## SWEEPSTAKES.

## Cheddar Cheese.

Year.	Entries.	No. of points.
1885.....	4	77
1886.....	5	79
1887.....	5	85

## First Premium Cheddar Cheese.

Year.	Exhibitor.	No. of points.
1885	H. Z. Fish, Richland Centre, Wis.....	92
1886	Fred. E. Carswell, Lone Rock, Wis.....	94
1887	H. Z. Fish, Richland Centre, Wis.....	96

## Flat Cheese.

Year.	Entries.	No. of points.
1885.....	4	83
1886.....	4	83¾
1887 .....	5	88

First Premium Flat Cheese.

Year.	Exhibitor.	No, of points.
1885	E. P. Ingalls, Milford, Wis.....	90
1886	Fred E. Carswell, Lone Rock, Wis .....	87½
1887	“ “ .....	92

## Young America Cheese.

Year.	Entries.	No. of points.
1885.....	2	86
1886.....	3	74 $\frac{3}{4}$
1887.....	5	85

First Premium Young America Cheese.

Year.	Exhibitor.	No. of points.
1885	D. C. Woolverton, Belvidere, Ill. ....	92
1886	P. O. Hallbeck, West Salem, Ill. ....	78½
1887	H. Z. Fish, Richland Center, Wis. ....	90½

Full Cream Cheese, any other variety.

Year.	Entries.	No. of points.
1885.....	3	66
1886.....	2	78½
1887.....	4	83

First Premium Full Cream Cheese.

Year.	Exhibitor.	No. of points.
1885	T. D. Widder, Brillion, Wis.....	90
1886	J. E. Neely, Grinnell, Ia.....	81
1887	“ “ .....	86½

## GRAND SWEEPSTAKES.

Year.	Entries.	No. of points.
1885.....	4	90
1886.....	4	85½
1887.....	4	91



Grand Sweepstakes Prize.

Year.	Exhibitor.	No. of points.
1885	H. Z. Fish, Richland Centre, Wis.....	92
1886	Fred. E. Carswell, Lone Rock, Wis .	94
1887	H. Z. Fish, Richland Centre, Wis .....	96

MISCELLANEOUS.

Display of Domestic Cheese.

Year.	Entries.	No. of points.
1885.....	2	No score
1886.....	1	“
1887 .....		

First Premium Display of Domestic Cheese.

Year.	Exhibitor.	No. of points.
1885	Samuel B. Davis, Chicago, Ill .....	No score
1886	.....	“
1887	.....	

Number of entries and amount of premiums in each class in each State.

1878.

State.	CATTLE.		SHEEP.		HOGS.	
	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.
Illinois.....	83	\$1,320	6	\$100	36	\$340
Kentucky.....	26	145	.....	.....	.....	.....
Missouri.....	13	.....	.....	.....	.....	.....
Indiana.....	9	65	.....	.....	9	50
Iowa.....	6	25	.....	.....	.....	.....
Wisconsin.....	1	.....	.....	.....	.....	.....
Michigan.....	.....	.....	5	40	3	20
Ohio.....	.....	.....	.....	.....	3	20
Canada.....	.....	.....	13	150	.....	.....
Total.....	138	\$1,555	24	\$290	51	\$430

1879.

Illinois.....	260	\$1,970	199	\$505	112	\$305
Kentucky.....	16	200	.....	.....	.....	.....
Missouri.....	4	15	.....	.....	.....	.....
Indiana.....	8	50	.....	.....	11	45
Iowa.....	3	75	.....	.....	.....	.....
Wisconsin.....	6	.....	11	.....	.....	.....
Michigan.....	.....	.....	16	70	19	105
Ohio.....	6	.....	.....	.....	.....	.....
Canada.....	.....	.....	58	225	.....	.....
Total.....	303	\$2,310	234	\$800	142	\$455

1880.

Illinois.....	229	\$1,305	110	\$345	42	\$215
Iowa.....	13	125	.....	.....	.....	.....
Kentucky.....	6	125	.....	.....	.....	.....
Ohio.....	5	15	.....	.....	.....	.....
Indiana.....	2	.....	.....	.....	14	150
Michigan.....	.....	.....	2	25	.....	.....
Canada.....	.....	.....	26	170	.....	.....
Total.....	25	\$1,570	138	\$540	56	\$365

1881.

Illinois.....	204	\$1,580	68	\$339	49	\$313
Wisconsin.....	14	170	.....	.....	.....	.....
Kentucky.....	24	125	7	60	.....	.....
Iowa.....	10	85	.....	.....	.....	.....
Canada.....	3	80	35	190	.....	.....
Michigan.....	.....	.....	11	54	12	79
Indiana.....	.....	.....	.....	.....	23	80
Total.....	255	\$2,040	121	\$643	84	\$472



1882.

State.	CATTLE.		SHEEP.		HOGS.		DAIRY.	
	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.
Illinois .....	165	\$1,400	69	\$310	143	\$725	....	.....
Ohio .....	10	30	5	17	....	.....	....	.....
Canada .....	21	410	41	216	....	.....	....	.....
Indiana .....	9	120	....	.....	26	110	....	.....
Iowa .....	27	420	....	.....	3	20	....	.....
Michigan .....	6	.....	30	215	13	35	....	.....
Total ....	238	\$2,380	145	\$758	185	\$890	....	.....

1883.

Illinois .....	265	\$1,560	73	\$378	134	\$880	....	.....
Indiana .....	59	330	....	.....	31	160	....	.....
Michigan .....	7	.....	34	212	9	70	....	.....
Kentucky .....	38	80	....	.....	....	.....	....	.....
Ohio .....	21	240	19	260	....	.....	....	.....
Iowa .....	20	185	....	.....	....	.....	....	.....
Wyoming .....	13	.....	....	.....	....	.....	....	.....
Canada .....	22	460	33	210	....	.....	....	.....
Missouri .....	13	.....	....	.....	....	.....	....	.....
Total .....	458	\$2,855	159	\$1,060	174	\$1,110	....	.....

1884.

Illinois .....	178	\$875	45	\$430	59	\$750	....	.....
Indiana .....	96	715	....	.....	8	35	....	.....
Canada .....	22	484	....	.....	....	.....	....	.....
Ohio .....	26	300	15	60	....	.....	....	.....
Kentucky .....	24	195	....	.....	....	.....	....	.....
Iowa .....	36	85	....	.....	16	130	....	.....
Nebraska .....	26	85	....	.....	....	.....	....	.....
Missouri .....	5	75	....	.....	....	.....	....	.....
Kansas .....	11	20	....	.....	....	.....	....	.....
Minnesota .....	10	.....	....	.....	....	.....	....	.....
Michigan .....	....	.....	31	530	18	150	....	.....
Total .....	434	\$2,835	91	\$1,020	101	\$1,065	....	.....

1885.

Illinois .....	157	\$1,285	49	\$390	130	\$900	298	\$405 74
Indiana .....	190	1,475	....	.....	....	.....	22	35 00
Iowa .....	38	515	....	.....	....	.....	87	151 32
Kansas .....	28	20	....	.....	....	.....	....	.....
Kentucky .....	14	210	....	.....	....	.....	....	.....
Michigan .....	2	.....	51	555	20	155	19	40 09
Missouri .....	27	210	....	.....	....	.....	....	.....
Minnesota .....	14	330	....	.....	....	.....	36	80 78
Ohio .....	9	250	20	190	18	135	12	10 00
Tennessee .....	3	75	....	.....	....	.....	....	.....
Canada .....	....	.....	30	530	....	.....	....	.....
England .....	....	.....	12	155	....	.....	113	367 15
Wisconsin .....	....	.....	....	.....	....	.....	13	34 92
New York .....	10	125	....	.....	....	.....	....	.....
Pennsylvania .....	8	.....	....	.....	....	.....	4	.....
Nebraska .....	....	.....	....	.....	....	.....	14	10 00
Total .....	400	\$4,495	162	\$1,820	168	\$1,190	618	\$1,135 00

1886.

State.	CATTLE.		HORSES.		SHEEP.		HOGS.		DAIRY.	
	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.
Illinois .....	128	\$1,265	321	\$2,605	95	\$410	98	\$500	72	\$585
Kentucky .....	38	80	....	....	....	....	....	....	14	90
Ohio .....	32	450	....	....	13	75	35	190	11	70
Indiana .....	42	285	13	35	....	....	22	120	32	180
Iowa .....	31	280	15	15	....	....	....	....	....	....
Missouri .....	18	30	....	....	....	....	42	115	....	....
Nebraska .....	16	100	....	....	2	....	....	....	5	35
Wyoming .....	13	435	....	....	....	....	....	....	....	....
Wisconsin .....	11	155	20	....	....	....	....	....	33	220
Michigan .....	9	85	2	25	75	580	53	325	9	80
Tennessee .....	8	105	....	....	....	....	....	....	....	....
Minnesota .....	7	155	....	....	....	....	....	....	20	165
Canada .....	6	150	....	....	59	555	5	....	....	....
New York .....	8	....	....	....	....	....	....	....	8	25
England .....	....	....	....	....	27	320	....	....	....	....
Pennsylvania ..	....	....	....	....	....	....	....	....	1	15
Total.....	362	\$3,575	371	\$2,680	271	\$1,940	255	\$1,250	205	\$1,465



STATE.	CATTLE.		HORSES.		SHEEP.		HOGS.		DAIRY.		POULTRY.	
	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.
Illinois .....	168	\$860	360	\$3,740	65	\$380	141	\$800	37	\$132	1,166	\$466
Missouri .....	53	275	3	65	.....	.....	6	70	3	85	9	.....
Indiana .....	42	235	22	135	.....	.....	12	50	11	30	235	73
Nebraska .....	34	655	1	30	34	160	.....	.....	.....	.....	.....	.....
Ohio .....	30	355	.....	.....	9	35	30	230	25	99	172	33
Iowa .....	22	515	4	30	.....	.....	.....	.....	31	146	24	.....
Minnesota .....	15	165	9	80	.....	.....	.....	.....	31	181	.....	.....
Montana .....	14	545	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee .....	14	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky .....	9	30	2	40	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin .....	8	180	37	380	.....	.....	.....	.....	23	186	42	.....
England .....	7	105	.....	.....	18	175	.....	.....	.....	.....	.....	.....
Michigan .....	5	20	1	30	69	460	37	245	5	25	71	30
Wyoming Territory .....	4	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas .....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	15
Dakota .....	.....	.....	1	10	.....	.....	.....	.....	.....	.....	6	.....
Canada .....	.....	.....	.....	.....	78	725	.....	.....	.....	.....	.....	.....
Pennsylvania .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69	155
Connecticut .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	5
New York .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....
Total .....	429	\$4,030	440	\$4,540	273	\$1,935	226	\$1,395	166	\$884	1,892	\$777

## STATE EXHIBITS.

*The following table gives the total number of entries of Cattle, Horses, Sheep, Hogs and Dairy Products, exhibited from the several States at the ten Fat Stock, Horse and Dairy Shows, as well as the total amount of premiums paid thereon.*

STATE.	CATTLE.		HORSES.		SHEEP.		HOGS.		DAIRY.		POULTRY.		TOTAL.	
	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.
Illinois .....	1,837	\$13,420 00	681	\$6,345 00	779	\$3,587 00	944	\$5,728 00	407	\$1,122 74	1,166	\$466 00	5,814	\$30,668 74
Kentucky .....	195	1,190 00	2	40 00	7	60 00	.....	.....	3	85 00	.....	.....	207	1,375 00
Missouri .....	133	605 00	3	65 00	.....	.....	48	185 00	.....	.....	9	.....	193	855 00
Indiana .....	357	3,275 00	35	170 00	.....	.....	156	800 00	44	135 00	235	73 00	827	4,453 00
Iowa .....	206	2,310 00	19	45 00	11	.....	19	150 00	150	477 32	24	.....	429	2,982 32
Wisconsin .....	40	505 00	57	380 00	.....	.....	.....	.....	169	773 15	42	.....	308	1,658 15
Michigan .....	29	105 00	3	55 00	324	2,741 00	184	1,184 00	33	145 09	71	30 00	644	4,260 09
Ohio .....	139	1,640 00	.....	.....	81	637 00	86	575 00	51	199 00	172	33 00	529	3,084 00
Minnesota .....	46	650 00	9	80 00	.....	.....	.....	.....	87	426 78	.....	.....	142	1,156 78
Nebraska .....	76	840 00	1	30 00	36	160 00	.....	.....	19	45 00	.....	.....	132	1,075 00
Kansas .....	43	40 00	.....	.....	.....	.....	.....	.....	.....	.....	8	15 60	51	55 00
Canada .....	74	1,535 00	.....	.....	373	2,971 00	5	.....	.....	.....	6	.....	458	4,556 00
Wyoming .....	30	445 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	445 00
Tennessee .....	25	260 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	260 00
England .....	7	105 00	.....	.....	57	650 00	.....	.....	.....	.....	.....	.....	64	755 00
New York .....	13	125 00	.....	.....	.....	.....	.....	.....	31	59 92	20	.....	54	184 92
Pennsylvania .....	8	.....	.....	.....	.....	.....	.....	.....	1	15 00	69	155 00	73	170 00
Montania .....	14	545 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	545 00
Dakota .....	.....	.....	1	10 00	.....	.....	.....	.....	.....	.....	.....	.....	1	10 00
Connecticut .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	5 00	10	5 00
	3,272	\$27,645 00	811	\$7,230 00	1,668	\$10,806 00	1,442	\$8,622 00	985	\$3,484 00	1,832	\$777 00	10,010	\$58,554 00



## FINANCES.

The receipts in connection with the Fat Stock Show, as well as the donations of money for the general expense fund, and for special premiums, are given in the following table:

Year.	RECEIPTS.			
	Gate permits, etc.	Donations.	Special premiums.	Total.
1878.....	\$3,024 06	\$1,600 00	.....	\$4,624 06
1879.....	4,701 08	2,770 00	.....	7,471 08
1880.....	2,623 39	3,295 00	\$473 90	6,392 29
1881.....	2,967 75	4,085 00	808 00	7,860 75
1882.....	6,271 90	3,435 00	953 00	10,659 90
1883.....	8,808 90	3,720 00	3,914 00	16,442 90
1884.....	8,789 95	3,670 00	3,763 00	16,222 95
1885.....	12,435 93	4,665 00	7,835 50	24,926 43
1886.....	15,659 75	7,675 00	8,894 75	32,229 50
1887.....	22,162 29	7,065 00	6,366 65	35,593 94
	\$87,445 00	\$41,980 00	\$32,998 80	\$162,423 80

The disbursements, etc., in connection with the Fat Stock Show, including the regular and special premiums awarded, as well as the deficit or credit for each exhibition, are given in the following table:

Year.	PREMIUMS.			Expenses other than premiums.	Total expense.	Balance.	Deficit.
	Regular.	Special.	Total.				
1878.....	\$2,395 00	.....	\$2,395 00	\$2,680 87	\$5,075 87	.....	\$451 81
1879.....	4,221 73	.....	4,221 73	5,110 59	9,332 32	.....	1,861 24
1880.....	2,450 76	\$473 90	2,924 66	4,045 81	6,970 47	.....	578 18
1881.....	3,323 00	808 00	4,131 00	3,747 78	7,878 78	.....	18 03
1882.....	4,354 00	953 00	5,307 00	4,678 34	9,985 34	\$674 56	.....
1883.....	5,155 00	3,914 00	9,069 00	7,029 52	16,098 52	344 38	.....
1884.....	4,920 00	3,763 00	8,683 00	7,714 34	16,397 34	.....	174 39
1885.....	8,840 00	7,825 50	16,665 50	10,896 06	27,561 56	.....	2,635 13
1886.....	10,910 00	8,894 75	19,804 75	15,195 37	35,000 12	.....	2,770 62
1887.....	13,561 00	6,366 65	19,927 65	18,387 12	38,314 77	.....	2,720 83
	\$60,130 49	\$32,998 80	\$93,129 29	\$79,485 80	\$172,615 09	\$1,018 94	\$11,210 23

PREMIUMS PAID.

The following table gives the total number of entries of Cattle, Horses, Sheep, Hogs, Poultry and Dairy Products exhibited at the Fat Stock Show, as well as the total premiums (except specials) paid thereon for the years named.

Year.	CATTLE.		HORSES.		SHEEP.		HOGS.		DAIRY.		POULTRY.		TOTAL.	
	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.	Number entries.	Amount premiums paid.
1878.	138	\$1,555	.....	.....	24	\$290	51	\$430	.....	.....	.....	.....	213	\$2,275
1879.	303	2,310	.....	.....	284	800	142	455	.....	.....	.....	.....	729	3,565
1880.	255	1,570	.....	.....	138	540	56	365	.....	.....	.....	.....	449	2,475
1881.	255	2,040	.....	.....	121	643	84	472	.....	.....	.....	.....	460	3,155
1882.	238	2,380	.....	.....	145	758	185	890	.....	.....	.....	.....	568	4,028
1883.	458	2,855	.....	.....	159	1,060	174	1,110	.....	.....	.....	.....	791	5,025
1884.	434	2,835	.....	.....	91	1,020	101	1,065	.....	.....	.....	.....	626	4,920
1885.	400	4,495	.....	.....	162	1,820	168	1,190	.....	.....	.....	.....	1,344	8,640
1886.	362	3,575	.....	\$2,680	271	1,940	255	1,250	614	\$1,135	.....	.....	1,464	10,910
1887.	429	4,030	440	4,540	273	1,935	226	1,395	166	884	.....	\$777	3,336	13,561
Total.....	3,273	\$27,645	811	\$7,220	1,668	\$10,806	1,442	\$8,622	985	\$3,484	1,832	\$777	10,010	\$58,554



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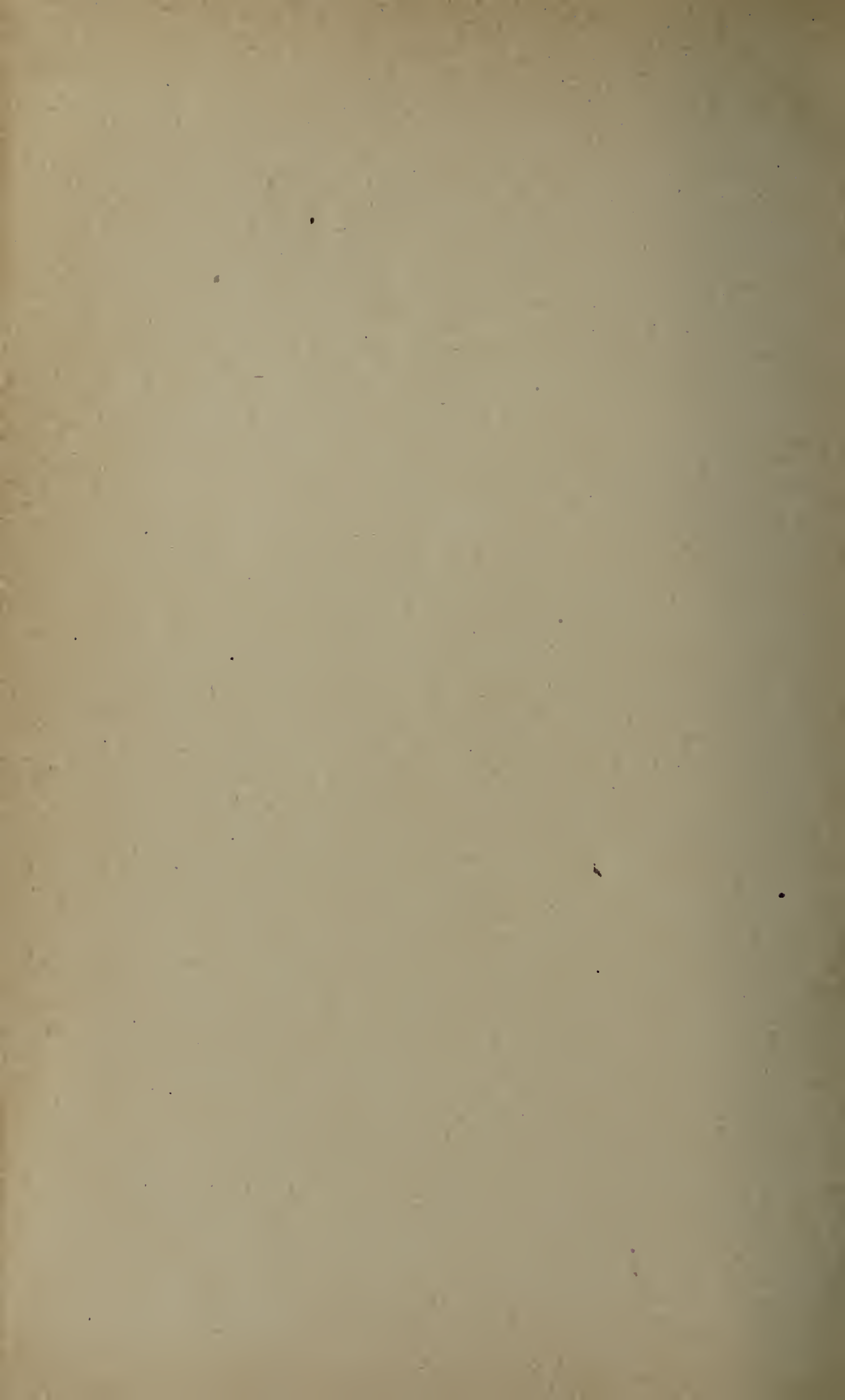


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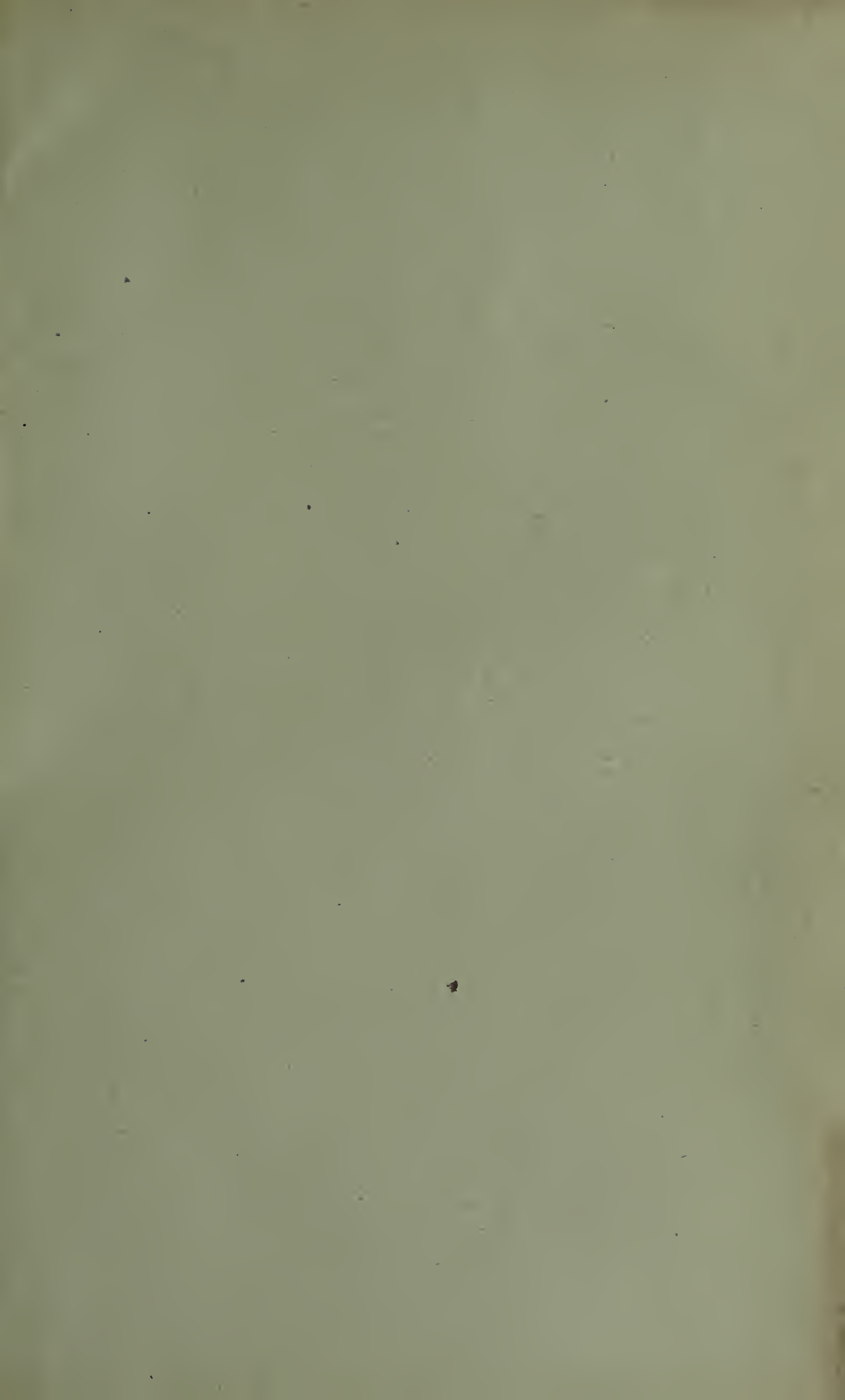
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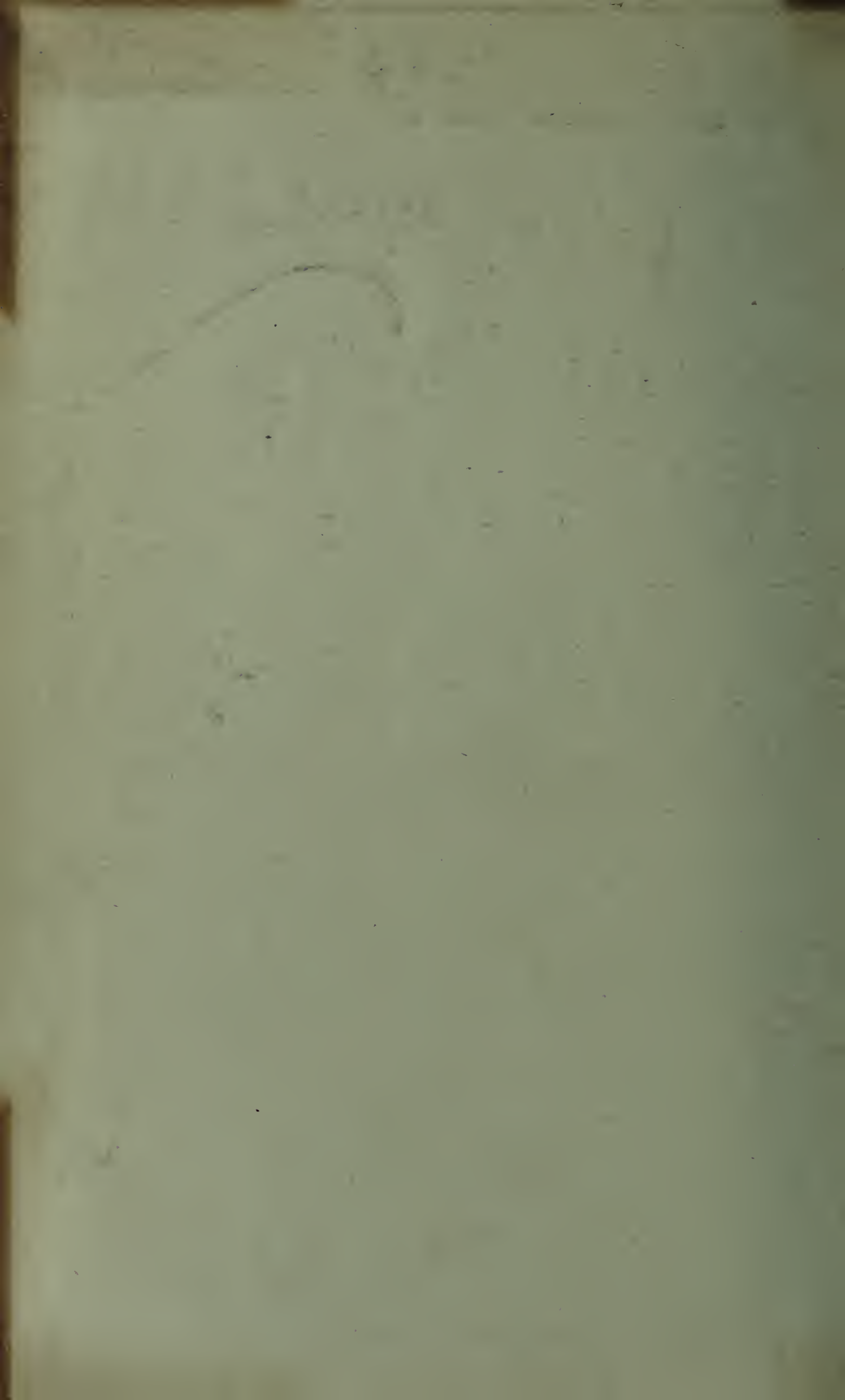
















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